

REMEDIAL ACTION QUARTERLY MONITORING REPORT

SECOND QUARTER – 2005 (8 of 120)

SKINNER LANDFILL SITE BUTLER COUNTY WEST CHESTER, OHIO

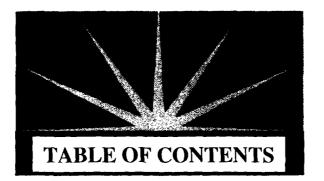
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LIST OF ACRONYMS

CP

AMP Air Monitoring Plan

AOC Administrative Order on Consent

ARAR Applicable or Relevant and Appropriate Requirements

BMR Baseline Monitor Report

BCDES Butler County Department of Environmental Services

bgs Below Ground Surface BZ Breathing Zone

CD&D Construction Debris and Demolition Waste

CERCLA Comprehensive Environmental Response, Compensation and Liability

Act

CGI Combustible Gas Indicator

CHSD Corporate Health and Safety Director
CIP Construction Implementation Plan
CLP Contract Laboratory Program
cm/sec Centimeters Per Second
CO Carbon Monoxide

CQA Construction Quality Assurance

CQAC Construction Quality Assurance Consultant

Contingency Plan

CRZ Contamination Reduction Zone
CRQL Contract Required Quantitation Limit
CSDI Contaminated Soils Design Investigation

CY Cubic Yard CZ Control Zone

DSW Division of Surface Water (OEPA)
DSR Division Safety Representative
EPA Environmental Protection Agency

EZ Exclusion Zone

FID Flame Ionization Detector

FML Flexible Membrane Liner (low density polyethylene)

FSP Field Sampling Plan FTB Film Tearing Bond

ft Feet

ft/sec Feet Per Second

GCL Geosynthetic Clay Layer

GCAL Gulf Coast Analytical Laboratories Inc.
GIS Groundwater Interceptor System

gpd Gallons Per Day gpm Gallons Per Minute

GWDI Groundwater Design Investigation

HAP Hazardous Air Pollutant
HASP Health and Safety Plan
HDPE High-Density Polyethylene
HSM Health and Safety Manager

IDLH Immediately Dangerous to Life or Health



IRM Interim Remedial Measures

kg/d Kilograms Per Day lb/day Pounds Per Day

LEL Lower Explosion Limit

LF Lineal Feet

LLDPE Linear Low-Density Polyethylene

μ Micron

μg/l Microgram per Liter
MSL Mean Sea Level

NIOSH National Institute for Occupational Safety and Health

NO_x Oxides of Nitrogen

NWI National Wetland Inventory

 O_3 Ozone

OAC Ohio Administrative Code

ODNR Ohio Department of Natural Resources
OEPA Ohio Environmental Protection Agency

ORC Ohio Revised Code

OSHA Occupational Safety and Health Administration

PEL Permissible Exposure Limit
PID Photoionization Detector
PLC Programmable Logic Controller

PM-10 Particulate Matter less than 10 microns

PRP Potentially Responsible Party
PPE Personal Protective Equipment
psi Pounds Per Square Inch
PQL Practical Quantitation Limit
QAPP Quality Assurance Project Plan

QA Quality Assurance
QC Quality Control

RCRA Resource Conservation and Recovery Act

RA Remedial Action RD Remedial Design

RHSS Regional Health & Safety Specialist
RI/FS Remedial Investigation/Feasibility Study

ROD Record of Decision

RPM Remedial Project Manager (USEPA)

RPO Resident Project Observer

SI Site Inspection SF Square Feet

SLWG Skinner Landfill Work Group

SO₂ Sulfur Dioxide

SOP Standard Operating Procedure

SOW Statement of Work

SPCC Spill Prevention Control and Counter Measure Plan

SSO Site Safety Officer
SVE Soil Vapor Extraction

SVOC Semi-Volatile Organic Compound

SZ Support Zone



TAL Target Analyte List
TCL Target Compound List
TDH Total Dynamic Head
TLV Threshold Limit Values
TSS Total Suspended Solids
TWA Time Weighted Average

USACE United States Army Corps of Engineers

USEPA United States Environmental Protection Agency

USFWS United States Fish and Wildlife Services

USGS United States Geological Survey VOC Volatile Organic Compound

yr Year

WBGT Wet Bulb Globe Temperature

WZ Work Zone



1.0 INTRODUCTION

1.1 GENERAL INFORMATION

This quarterly monitoring report was prepared for the Skinner Landfill Superfund Site located in West Chester, Butler County, Ohio in accordance with the Operation and Maintenance - Long-Term Performance Plan (O&M-LTP Plan) dated August 2003. The O&M-LTP Plan was prepared to meet the requirements of the Record of Decision (ROD) dated June 4, 1993, the Statement of Work (SOW) dated April 6, 1994, the 100% Final Remedial Design dated June 21, 1996 and the Consent Decree dated April 7, 2001.

The remedial action (RA) post-construction O&M monitoring period began with the third quarter of 2003 and extends for a period of 30 years. This report documents the results of groundwater and surface water monitoring conducted during the second quarter of 2005, which is the 8th of 120 quarterly sampling events to be conducted during the 30-year monitoring period.

1.2 SITE LOCATION AND DESCRIPTION

Skinner Landfill is located approximately 15 miles north of Cincinnati, Ohio near West Chester, Butler County, Ohio in Township 3, Section 22, Range 2. The site is located along Cincinnati-Dayton Road, as shown in Figure 1. The site is bordered on the south by the East Fork of Mill Creek, on the north by wooded land, on the east by a Norfolk Southern Railway Company right-of-way, and on the west by a gravel driveway.

The site is located in a highly dissected area that slopes from a till-mantled-bedrock upland to a broad, flat-bottomed valley that is occupied by the main branch of Mill Creek. Elevations on the site range from a high of nearly 800 feet above mean sea level (MSL) in the northeast, to a low of 645 feet above MSL near the confluence of Skinner Creek and East Fork of Mill Creek. Both Skinner Creek and the East Fork of Mill Creek are small, intermittent shallow streams. Both of these streams flow to the southwest from the site toward the main branch of Mill Creek.

In general, the site is underlain by relatively thin glacial drift over inter-bedded shale and limestone of Ordovician age. The composition of the glacial drift ranges from intermixed silt, sand and gravel, to silty sandy clays with a thickness ranging from zero to over forty feet. The sand and gravel deposits comprise the hills and ridges and are encountered near the surface of the central portion of the site. The silts and clays usually occur as lenses in the sands and gravel or directly overlie bedrock.

1.3 SITE HISTORY AND BACKGROUND

The property was originally developed as a sand and gravel mining operation and was subsequently used as a landfill from 1934 to 1990. According to USEPA studies, materials deposited at the site include demolition debris, household refuse and a wide variety of chemical wastes. The waste disposal areas include a now buried former waste lagoon near the center of the site and a landfill. According to USEPA studies, the buried lagoon was used for the disposal of paint wastes, ink wastes, creosote, pesticides, and other chemical wastes. The landfill area, located north and northeast of the buried lagoon, received predominantly demolition and landscaping debris.

In 1976, the Ohio EPA (OEPA) initiated an investigation of the site. In 1982, the site was placed on the National Priority List by the USEPA based on information obtained during a limited investigation of the



site. A Phase II Remedial Investigation was conducted from 1989 to 1991 and involved further investigation of groundwater, surface water, soils and sediments. Both a Baseline Risk Assessment and Feasibility Study (FS) were completed in 1992.

The Phase II Remedial Investigation revealed that the most contaminated media at the site is the soil in the buried waste lagoon. Migration of the landfill constituents has been limited, and the Phase II Remedial Investigation concluded that there had been no off-site migration of landfill constituents via groundwater flow.

In the Record of Decision (ROD), dated June 4, 1993, the USEPA selected a remedy for the site consisting of multi-media capping of the landfill and the buried waste lagoon, and collection and treatment of the groundwater. The ROD also required an investigation to determine the feasibility for soil vapor extraction (SVE) in the granular soil adjacent to the buried lagoon.

The Remedial Design (RD) Investigation performed in 1994 was implemented to collect data required to assess the feasibility of the SVE and to design the multi-media cap and the groundwater extraction/treatment systems. The Remedial Design was submitted to USEPA on June 21, 1996 outlining the cover design and groundwater interception system design. Based on the RD investigation, the installation of an SVE system was determined to be unfeasible.

Construction of a groundwater interception system (GIS) and engineered landfill cover system began in April 2001 and was substantially completed in September 2001. The USEPA conducted the pre-final construction inspection on September 27, 2001, the final construction inspection on March 27, 2003 and the second 5-Year Review on January 22, 2004.

2.0 <u>SAMPLING METHODS</u>

This quarterly monitoring event was conducted in general accordance with the following documents shown with the date of the USEPA-approved final version:

- Operation and Maintenance Long-Term Performance Plan (O&M-LTP Plan) dated August 2003, and
- RA Health and Safety Plan, Final February 2001.

There were no deviations from these work plans.

3.0 RESULTS

3.1 GROUNDWATER LEVELS

The groundwater elevation data obtained from the monitor wells, piezometers and selected gas probes is presented on Table 1 with the corresponding potentiometric surface map provided in Appendix A. The groundwater flow direction and gradient remained relatively unchanged when compared to the previous quarterly monitoring report period. Groundwater flow direction is to the south-southeast directly toward the East Fork of Mill Creek with an average hydraulic gradient of 0.11 ft/ft. The groundwater gradient has remained relatively unchanged when compared to the average hydraulic gradient of 0.13 ft/ft documented in the Remedial Action Baseline Monitoring Report dated March 2005.



3.2 GROUNDWATER-WASTE MONITORING

Results of the piezometer groundwater levels used to monitor the groundwater levels relative to bottom of waste are provided on Table 2. Based on measured water levels, groundwater has been lowered below the waste elevation during this monitoring event at piezometers P-11 and P-12, which are the two piezometers furthest from Duck Pond. The depth to water measurement in piezometer P-11 was recorded with a smaller diameter water level indicator, as opposed to a groundwater interface probe, due to a pinching of the well casing that reduced the diameter of the piezometer. Depth to water measurements could not be recorded from piezometers P-9 and P-10 due to an obstruction or possible pinching of the well casing.

3.3 GROUNDWATER ANALYTICAL RESULTS

A summary of target compound list (TCL) and target analyte list (TAL) parameter concentrations encountered above the contract required detection limit and revised modified trigger level is provided on Table 3. A summary of the laboratory analytical results have been presented on a per well basis in Appendix B to assist in identifying temporal detection patterns. A report of each data set reduction, validation and assessment procedure conducted on an analytical-set basis in accordance with the O&M-LTP Plan quality assurance project plan (QAPP) is included in Appendix C.

In general, target compound list volatiles, semi-volatiles, pesticides and PCBs were not detected in groundwater above the CRQL.

Two of the 24 TAL parameters were detected above the CRQL. Detections of iron (present in two groundwater monitoring wells) and chromium (present in one groundwater monitoring well) were detected above the CRQL.

The concentration of total chromium in groundwater monitoring well GW-07R, detected above the CRQL, also exceeded the revised modified trigger level. Chromium was not detected in the previous quarter at this sampling location.

3.4 SURFACE WATER ANALYTICAL RESULTS

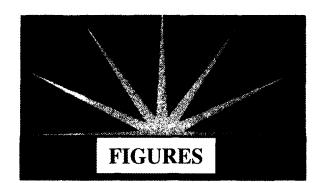
Surface water analyzed consisted of sampling surface runoff from the site and surface water directly from the East Fork of Mill Creek. A summary of TCL and TAL parameter concentrations encountered above the contract required detection limit and revised modified trigger level is provided on Table 4. A summary of surface water laboratory analytical results is presented in Appendix B. The summary tables are presented on a sample location basis. The validated laboratory analytical data is provided in Appendix C.

In general, target compound list volatiles, semi-volatiles, pesticides and PCBs were not detected in surface water above the CRQL.

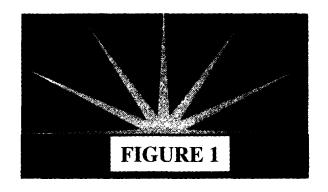
Only one of the 24 TAL parameters were detected above the CRQL. A detection of chromium (present in one surface water sample location) was present above the CRQL.

The concentration of total chromium in surface water sample location SW-51, detected above the CRQL, also exceeded the revised modified trigger level. Chromium was not detected in the previous quarter at this sampling location.



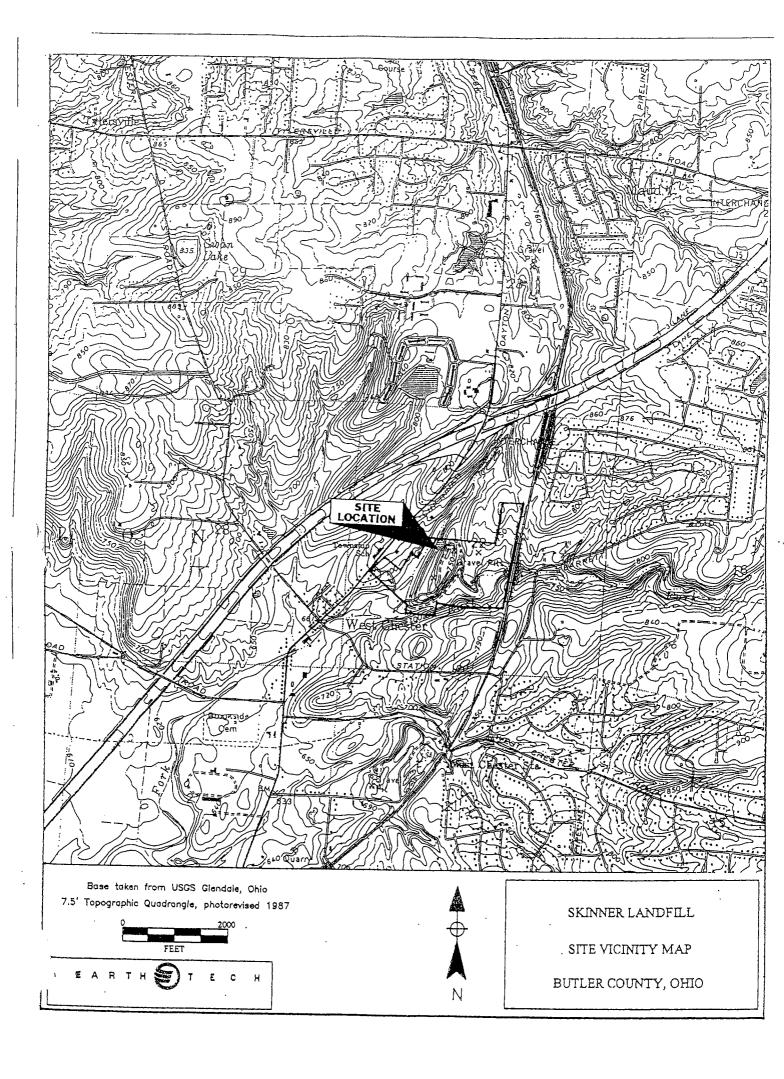


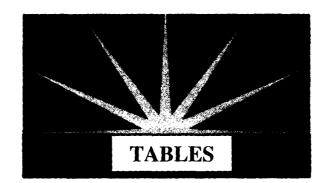




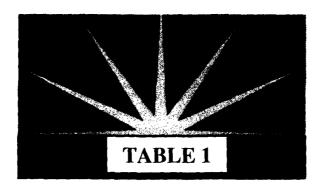
SITE VICINITY MAP











GROUNDWATER ELEVATIONS



TABLE 1 **Groundwater Elevation Summary**

Skinner Landfill West Chester, Ohio

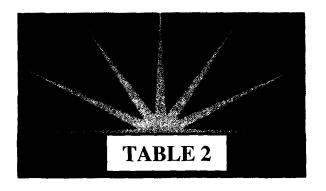
| | | | | _ [| June 14, 2005 | | | |
|------------------|----------|----------|--|------------------------------------|---|----------------------------------|--|--|
| Well Type | Location | Well Use | Ground Surface Elevation (MSL-feet) | Top of Casing Elevation (MSL-feet) | Depth to Water (feet from top of casing) | Groundwater Elevation (MSL-feet) | | |
| | P-1 | G | 685.42 | 687.65 | 10.90 | 676.75 | | |
| | P-2 | G | 688.54 | 690.42 | 12.10 | 678.32 | | |
| | P-3R | G | 691.83 | 693.69 | 25.00 | 668.69 | | |
| | P-4 | G | 700.32 | 702.63 | 6.30 | 696.33 | | |
| | P-5 | G | 708.20 | 710.65 | 14.35 | 696.30 | | |
| Piezometers | P-6 | G | 707.45 | 710.59 | 12.90 | 697.69 | | |
| Piezonieters | P-7 | G | 719.08 | 721.83 | Dry | Dry | | |
| | P-8 | G | 747.70 | 749.91 | 30.35 | 719.56 | | |
| | P-9 | G | 760.68 | 763.90 | | | | |
| | P-10 | G | 761.34 | 764.16 | | | | |
| | P-11 | G | 760.34 | 762.76 | 25.20 | 737.56 | | |
| | P-12 | G | 743.50 | 746.17 | 40.50 | 705.67 | | |
| | GW-06R | s | 683.89 | 685.91 | 10.35 | 675.56 | | |
| | GW-07R | s | 683.46 | 683.06 | 8.15 | 674.91 | | |
| | GW-24 | G | 693.32 | 695.21 | 19.12 | 676.09 | | |
| | GW-26 | G | 696.61 | 698.28 | 29.75 | 668.53 | | |
| | GW-30 | G | 675.63 | 677.62 | 10.14 | 667.48 | | |
| | GW-58 | s | 684.03 | 686.53 | 13.30 | 673.23 | | |
| Groundwater | GW-59 | s | 684.35 | 687.38 | 7.15 | 680.23 | | |
| Monitoring Wells | GW-60 | s | 689.12 | 692.38 | 10.90 | 681.48 | | |
| Montoring wens | GW-61 | S | 687.38 | 690.86 | 13.35 | 677.51 | | |
| | GW-62A | s | 690.19 | 692.38 | 30.00 | 662.38 | | |
| | GW-62B | s | 690.57 | 693.13 | 12.80 | 680.33 | | |
| | GW-63 | S | 698.87 | 702.50 | 10.75 | 691.75 | | |
| | GW-64 | s | 700.45 | 703.88 | 12.30 | 691.58 | | |
| | GW-65 | s | 703.83 | 706.88 | 16.65 | 690.23 | | |
| | GW-66 | G | 686.82 | 689.41 | 7.00 | 682.41 | | |
| Gas Probes | GP-6 | G | 772.18 | 774.65 | 15.60 | 759.05 | | |
| | GP-7 | G | 749.83 | 752.65 | 9.05 | 743.60 | | |

Notes:

MSL - Mean Sea Level

G - Gauging S - Sampling and Gauging

-- No Gauging Data Available (well constricted)



GROUNDWATER/WASTE ELEVATIONS



TABLE 2

Groundwater-Waste Monitoring Summary

Skinner Landfill West Chester, Ohio

| Piezometer | Depth to Waste (feet) | Bottom of Waste Elevation (MSL-feet) | Baseline Water Elevation (June 2001) (feet) | Water Elevation (September 2004) (feet) | Water Elevation (December 2004) (feet) | Water Elevation (March 2005) (feet) | Water Elevation (June 2005) (feet) |
|------------|-----------------------|--|---|---|--|---|--|
| P-9 | 25 | 737 | 745.00 | NM | 741.87 | | |
| P-10 | 30 | 734 | 744.50 | | - | | |
| P-11 | 17 | 745 | 744.30 | 733.66 | Dry | 737.46 | 737.56 |
| P-12 | 35 | 707 | 713.50 | 705.06 | 706.14 | 706.17 | 705.67 |

Notes:

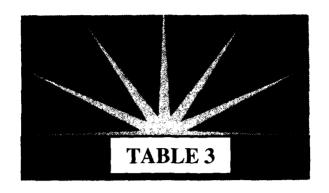
Waste elevations determined during piezometer installation on June 28 and 29, 2001.

Shaded cells indicate water level elevations below the elevation of waste.

- No gauging data available (well constricted).

NM - Not Measured (wasp nest in standpipe).





GROUNDWATER RESULTS SUMMARY



Table 3

Groundwater Summary

Skinner Landfill West Chester, Ohio Second Quarter 2005

| Sample ID | VOCs | SVOCs | Dissolved Metals** | Pesticides/PCBs |
|-----------|------|-------|--------------------|-----------------|
| GW-06R | - | - | - | |
| GW-07R | - | - | chromium | - |
| GW-58 | | - | <u>-</u> | - " - |
| GW-59 | - | | <u> </u> | |
| GW-60 | - | - | - | - |
| GW-61 | - | - | iron | |
| GW-62A | | - | <u>.</u> | - |
| GW-62B | = | * | * | * |
| GW-63 | = | - " | iron | <u>-</u> |
| GW-64 | - | - | <u>-</u> | - |
| GW-65 | * | * | * | * |

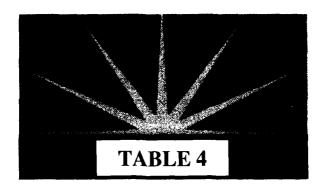
⁻ all parameters below report limits

italic - above Contract Required Quantitation Levels (CRQL's)

bold - above trigger level

- * Insufficient sample volume.
- $\ensuremath{^{**}}$ Dissolved metals for analytes that have a corresponding trigger level.





SURFACE WATER RESULTS SUMMARY



Table 4

Surface Water Summary

Skinner Landfill West Chester, Ohio Second Quarter 2005

| Sample ID | VOCs | SVOCs | Dissolved Metals** | Pesticides/PCBs |
|-----------|------|-------|--------------------|-----------------|
| SW-50 | - | - | | - |
| SW-51 | - | - | chromium | - |
| SW-52 | - | - | <u> </u> | - |
| SWD-1 | * | * | * | * |
| SWD-2 | * | * | * | * |
| SWD-3 | * | * | * | * |

- all parameters below report limits

italic - above Contract Required Quantitation Levels (CRQL's)

bold - above trigger level

- * Insufficient sample volume.
- ** Dissolved metals for analytes that have a corresponding trigger level.





POTENTIONMETRIC SURFACE MAP



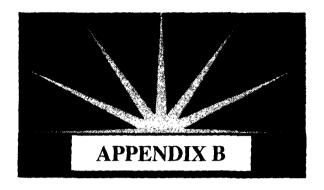
SDMS US EPA Region V

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SUMMARY OF ANALYTICAL RESULTS



| | | Sampling Event (All Results Expressed in Units of µg/l) | | | | | | | |
|--|---------------|---|----------------|--|----------------|----------------|-----------------|------------------|-----------|
| | | 1 | | | | | | | |
| Compound | November-03 | March-04 | May-04 | September-04 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQL |
| norganics - Metals (Dissolved) ¹³ | | | 1 | | | | | | |
| Aluminum | 25.8 | 25.8 | 85.2 | 55.3 | 55.3 | 55.3 | 32.4 | | 200 |
| Antimony | 3.7 | 3.7 | 7.7 | 10.6 | 4.1 | 3.9 | 5.4 | 60 | 60 |
| Arsenic | 2.9 | 2.9 | 5.4 | 5.4 | 26.7 J | 6.1 J | 3.8 | 20 | 10 |
| Barium | 294 | 266 | 45.4 J | 329 | 179.0 | 196 0.2 | 253 0.1 | 1,000 | 200 |
| Beryllium Cadmium | 0.1 | 0.1 | 0.2 | 0.20 0.30 | 0.2 | 0.2 | 0.1 | 5 | 5 |
| Calcium | 189,000 | 189,000 | 176,000 | 205,000 | 193,000 | 186,000 | 199,000 | - | 5,000 |
| Chromium | 0.8 | 1.2 | 1.5 | 3.7 | 1.5 | 1.5 | 1.5 | 11 | 10 |
| Cobalt | | | | | 2.9 | 0.7 | 1.1 | | 50 |
| Copper | 1.7 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.7 | 25 | 25 |
| ron | 14.1 | 22 | 1,360 J | 9.1 | 1,210 | 9.1 | 10.5 | 7,000 | 100 |
| Lead | 1.5 | 1.5 | 2.4 UJ | 2.4 UJ | 2.4 | 2.4 UJ | 1.4 | 4.2 | 3 |
| Magnesium | 30,500 | 30,000 | 33,100 | 32,100 | 31,300 | 31,700 | 34,000 | | 5,000 |
| Manganese | 77.0 | 69.5 J | 481 J | 124 | 363 | 173 | 224 | | 15 |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 UJ | 0.1 | 0.2 | 0.2 |
| Nickel | 1.8 | 1.7 | 3.4 J | 2.2 | 2.5 | 1.1 | 0.4 | 96 | 5,000 |
| Potassium | 2,400 | 2,060 | 7,180 J 4.4 | 3,340 J 4.4 UJ | 2,510 J | 2,200 | 2,680 3.5 UJ | 8,5 | 5,000 |
| Selenium Silver | 4.4 R 0.4 | 4.4 UJ 0.4 | 0.9 | 2.5 | 4.4 0.9 | 4.4 R 0.9 | 3.5 UJ 1.1 | 10 | 10 |
| Sodium | 21,500 | - 20,700 | 29,000 J | 20,900 J | 22,000 | 21,000 | 22,800 | 10 | 5,000 |
| l'hallium | 2.6 UJ | 2.6 | 6.3 | 6.3 | 8.1 | 6.3 | 4.1 | 40 | 10 |
| Vanadium | 0.8 | 1.6 | 1.1 | 3.5 | 6.7 | 11.5 | 11.9 | | 50 |
| Zinc | 0.6 UJ | 0.6 | 0.7 UJ | 0.7 | 0.7 | 4.6 | 12.1 | 86 | 20 |
| Inorganics - Metals and Cyanide (Total) | | | | | AND THE PERSON | | | the other states | 7 124 114 |
| Aluminum | 17,000 | 9,900 | 4,950 J | 37,200 J | 2,890 J | 8,510 | 7,510 J | | |
| Antimony | 3.7 | 5.5 | 8,2 | 3.9 | 3.9 | 7.6 J | 11.5 | | |
| Arsenic | 20.5 | 12.4 | 5,4 UJ | 5.4 | 34.6 J | 9.0 J | 5.2 | | |
| Barium | 568 | 440 | 103 J | 821 | 232 J | 338 | 397 | | |
| Beryllium | 1.2 | 1.1 | 0.7 | 2.1 | 0.2 | 0.5 | 0.2 | | |
| Cadmium | 0.2 | 1.0 | 1.5 | 0.3 | 0.3 | 0.3 | 0.1 | | |
| Calcium | 378,000 | 309,000 | 224,000 J | 576,000 | 217,000 | 234,000 | 263,000 J | | 15 / En |
| mium | 27.0 | 16.9 | 5.3 J | 58.5 | 6.1 | 11.1 | 9.7 | 1 1 1 1 1 | |
| lt | 24.1 | 12.3 | 6.6 | 46.5 | 6.0 | 11.9 | 12.5 | | 10.00 |
| Cyanide | 52.1 3.0 | 39.3 1.0 | 12 J 3.3 | 97.2 J 0.7 | 5.0 0.5 | 18.7 J 0.5 | 17.3 J 0.6 | 10 | 10 |
| Iron | 45,400 | 25,300 | 17,300 J | 90,600 | 9,100 J | 20,900 | 21,900 J | 10 | 10 |
| Lead | 46.0 | 23.9 | 9.3 J | 88.1 J | 3.3 J | 13.6 J | 14.8 | | |
| Magnesium | 115,000 | 83,600 | 46,800 J | 184,000 | 42,100 J | 51,800 | 63,000 J | | |
| Manganese | 2,940 | 988 | 758 | 5,750 | 585 | 1,010 | 1,460 J | | |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 UJ | 0.1 | | |
| Nickel | 41.2 | 23.4 | 17.2 J | 80.5 | 8.1 | 15.5 | 0.4 | | |
| Potassium | 5,050 | 3,970 | 8,320 | 9,100 | 3,320 J | 4,210 | 4,080 | | |
| Selenium | 4.4 UJ | 4.4 UJ | 4.4 | 4.4 R | 6.6 J | 4.4 UJ | 3.5 R | | |
| Silver | 0.4 | 0.4 | 0.9 | 0.9 | 0.9 | 0.9 | 1.1 | | |
| Sodium | 22,100 | 21,900 | 28,600 J | 24,300 | 21,900 | 20,400 | 23,700 J | | |
| Thallium | 2.6 | 2.6 | 6.3 | 6.3 | 6.3 | 6.3 UJ | 4.1 UJ | | |
| Vanadium Zinc | 41.5 147 J | 22.2 72.9 | 3.7 22.1 UJ | 84.3 283 J | 16.1 20.4 J | 29.1 J 63.2 | 29.9 J 66.6 | - | |
| Volatile Organic Compounds (VOCs) | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |
| 1,1-Dichloroethane | | | | 0.34 J | 1.0 U | 1.0 U | 1.0 U | | 10 |
| 1,2-Dichloropropane | | | | 0.23 J | 1.0 U | 1.0 U | 1.0 U | 5 | 10 |
| Benzene | | | | 0.15 J | 1.0 U | 1.0 U | 1.0 U | 5 | 10 |
| Ethylbenzene | | | | 0.14 J | 1.0 U | 0.11 J | 1.0 U | 62 | 10 |
| Γoluene | | | | 0.45 J | 1.0 U | 0.74 J | 1.0 U | 1,000 | 10 |
| Tetrachloroethene | | | | 0.17 J | 1.0 U | 1.0 U | 1.0 U | 5 | 10 |
| Xylene (total) | Was a second | | | 0.33 J | 1.0 U | 0.19 J | 1.0 U | 10,000 | 10 |
| Semi-Volatile Organic Compounds (SVOCs) | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |
| Dibenz (a,h) anthracene | | | | | | | 0.652 J | 10 | 10 |
| Indeno (1,2,3-cd) pyrene | 107 | | | | | | 0.502 J | 10 | 10 |
| Benzo (g,h,i) perylene | 10120 | | | | | | 1.02 J | 10 | 10 |
| | DDY | DDI | Dr. | prov | no. | Des | | | |
| Pesticides / PCBs | BRL | BRL | BRL | BRL | BRL | BRL | BRL | 1 | í |

Notes

- 1) All results expressed in micrograms per liter (µg/L).

- All results expressed in micrograms per liter (µgL).
 Standard Inorganic Data Qualifiers have been used.
 Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 Bold red letters with a thick outline indicates a detection above the Trigger Level.
 BRL = Below Report Limit; reported data values have a data qualifier of U. J. or UJ
 = No Sample Available (Well Dry)
 U = Not detected at the listed reporting limit.
 B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 U = A value less than the CRQL but greater than the MDL.
 J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
 R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
 CRQL = Contract Required Quantitation Limit
- 12) CRQL = Contract Required Quantitation Limit
 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



| Sampling Event (All Results Expressed in Units of µg/l) | |
|---|---|
| Quarterly Results | _ |

| | | Quarterly Results | | | | | | | |
|--|--|-------------------|--------------------|------------------|-------------------|---------------|------------------|------------------|-------|
| Compound | November-03 | March-04 | May-04 | September-05 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQI |
| norganics - Metals (Dissolved) ¹³ | | | | | | | | | |
| Aluminum | 25.8 | 25.8 | 62.0 | 55.3 | 55.3 | 55.3 | 24.0 | | 200 |
| Antimony | 3.7 | 3.7 | 3.9 | 3.9 | 3.9 | 3.9 | 6.0 | 60 | 60 |
| Arsenic | 4.5 | 2.9 | 5.4 | 5.4 | 35.8 J | 5.4 | 3.8 | 20 | 10 |
| Barium | 131 | 113 | 119 J | 118 | 46.7 | 94.7 | 111 | 1,000 | 200 |
| Beryllium | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 5 | 5 |
| Cadmium | 0.2 | 0.2 | 0.9 | 0.3 | 0.3 | 0.3 | 0.1 | 5 | 5 |
| Calcium | 229,000 | 185,000 | 184,000 | 205,000 | 367,000 | 173,000 | 191,000 | | 5,000 |
| Chromium | 0.8 | 1.1 | 1.5 | 3.3 | 1.7 | 2.4 | 32.8 | 11 | 10 |
| Cobalt | 1.4 | 0.7 | 0.9 | 0.6 | 0.6 | 0.6 | 0.6 | | 70000 |
| Copper | 1.2 | 1.2 | 1.4 | 1.2 | 1.2 | 1.2 | 0.7 | 25 | 25 |
| ron | 3,580 | 32.9 | 41.3 J | 9.1 | 9.1 | 10.5 | 56.1 | 7,000 | 100 |
| Lead | 1.5 | 1.5 | 2.4 UJ | 2.4 | 2.4 | 2.4 UJ | 1.4 | 4.2 | 3 |
| Magnesium | 33,000 | 26,300 | 28,100 | 29,400 | 52,300 | 26,700 | 29,400 | 7.2 | 5,000 |
| Manganese | 849 | 914 J | 1,090 J | 418 | 49.8 | 398 | 908 | | 15 |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 UJ | 0.1 | 0.2 | 0.2 |
| | | 2.2 | | | | 1.5 | 0.1 | 96 | 40 |
| Nickel | 1.6 | | 3.5 J | 1.1 | 1.8 | | | 96 | |
| Potassium | 3,260 | 2,350 | 2,580 J | 3,010 J | 5,000 J | 2,380 | 2,400 | 0.5 | 5,00 |
| Selenium | 4.4 R | 4.4 UJ | 4.4 | 4.4 UJ | 8.5 | 4.4 R | 3.5 UJ | 8.5 | 5 |
| Silver | 0.4 | 0.4 | 0.9 | 0.9 | 0.9 | 0.9 | 1.1 | 10 | 10 |
| Sodium | 42,200 2.6 UJ | 25,200 | 25,500 J 8.5 | 32,600 J | 48,200 | 24,900 6.3 | 26,600 4.1 | 40 | 5,000 |
| Thallium | the same of the sa | 2.6 | | 6.3 | 6.3 U | | | 40 | |
| Vanadium | 0.8 | 0.8 | 1.1 | 1.1 | 8.5 B | 9.1 | 11.0 | 06 | 50 |
| Zinc Inorganics - Metals and Cyanide | 30.7 J | 0.6 | 0.7 UJ | 0.7 | 0.7 U | 11.3 | 14.3 | 86 | 20 |
| (Total) | | | | | | | | | |
| Aluminum | 3,130 J | 7,810 | 10,300 J | 8,270 J | 7,040 J | 9,090 | 23,300 J | T | |
| Antimony | 3.7 | 6.6 | 4.5 | 5.1 | 4.0 | 10.7 J | 18.6 | | |
| nic | 5.3 | 6.9 | 5.4 UJ | 5.4 | 45.1 J | 5.4 | 7.6 | | |
| m | 204 | 484 | 570 J | 469 | 319 J | 405 | 1,120 | | |
| peryllium | 0.1 | 0.8 | 0.8 | 0.2 | 0.2 | 0.4 | 1.1 | | |
| Cadmium | 0.2 | 0.9 | 1.2 | 0.3 | 0.3 | 0.3 | 0.1 | | |
| Calcium | 246,000 | 281,000 | 260,000 J | 250,000 | 392,000 | 222,000 | 293,000 J | | |
| Chromium | 4.9 | 12.9 | 17.4 J | 13.4 | 12.8 | 12.5 | 44.2 | | |
| Cobalt | 4.3 | 7.0 | 9.1 | 6.2 | 5.3 | 6.4 | 17.8 | | |
| Copper | 10.0 | 35.5 | 31.1 J | 15.3 J | 15.2 | 23.1 J | 50.8 J | | |
| Cyanide | 9890.0 | 1.5 | 0.5 | 0.7 | 0.5 | 0.6 | 0.6 | 10.0 | 10.0 |
| Iron | | 20,200 | 26,900 J | | | 22,000 | | 10:0 | 10.0 |
| Lead | 0.1 | 9.2 | 26,900 J 15.7 J | 20,200 11.4 J | 17,600 J 6.7 J | 7.1 J | 63,600 J 29.5 | | |
| Magnesium | 41,600 | 54,000 | 54,300 J | 45,900 | 66,900 J | 42,300 | 73,000 J | | |
| Manganese | 969 | 1,590 | 2,020 J | 1,400 | 570 | 913 | 2,340 J | | |
| Mercury | 10.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 UJ | 0.1 | | _ |
| Nickel | 4.4 | 17.8 | 24 J | 12.7 | 14.6 | 16.0 | 28.1 | | |
| Potassium | | 4,510 | | | | 4,300 | | | - |
| | 3,780 | | 5,060 J | 4,770 | 6,590 J | | 5,940 | | |
| Selenium | 0.4 UJ 2.6 | 4.4 UJ 0.4 | 0.9 | 4.4 R | 12.0 J | 4.4 UJ | 3.5 R | | |
| Silver | 10000 | | | 0.9 | 0.9 | 0.9 | 1.1 | | |
| Sodium Fhallium | 41,200 | 31,200 | 27,100 J | 32,400 | 48,500 | 26,200 | 27,500 J | 1 | |
| √anadium | 22.7 | 2.6 | 6.3 | 7.0 | 7.7 | 6.3 UJ | 4.1 UJ | | |
| Zinc | 6.5 3 J | 15.3 J 51.2 | 15.2 35.5 UJ | 9.2 46.9 J | 26.8 | 23.5 J | 47.0 J | | |
| Volatile Organic Compounds (VOCs) | BRL | BRL | BRL | BRL | 50.3 J BRL | 59,4 BRL | 146 BRL | | |
| | | | | | | | | 1 000 | |
| Palana | | | + | - | DD. | 0.69 J | 1.0 J | 1,000 | 10 |
| Semi-Volatile Organic Compounds | RDI | ppr | DDI | ppi | | | | | |
| Semi-Volatile Organic Compounds (SVOCs) | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |
| Toluene Semi-Volatile Organic Compounds (SVOCs) Diethylphthalate | BRL | BRL | BRL | BRL | BKL | BKL | 0.6 J | | 10 |

Notes:

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- Use Not detected at the listed reporting limit.

 B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.

- 9) UI = A value less than the CRQL but greater than the MDL.
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- 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



| | Sampling Event (All Results Expressed in Units of μg/l) | | | | | | | | | |
|--|---|-----------------|-------------|--------------|-------------|-----------------|---------------|---|--|--|
| | Quarterly Results | | | | | | | | | |
| Compound | November-03 | March-04 | May-04 | September-04 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQL | |
| norganics - Metals (Dissolved) ¹³ | | | Not Sampled | Not Sampled | | | | | 1 | |
| Aluminum | 25.8 | 25.8 | _ | | 55.3 | 55.3 | 16.4 | | 200 | |
| Antimony | 3.7 | 3.7 | _ | | 3.9 | 3.9 | 4.0 | 60 | 60 | |
| Arsenic | 6.0 | 3.1 | _ | | 17.7 | 5.4 J | 3.8 | 20 | 10 | |
| Barium | 228 | 156 | _ | _ | 162.0 | 157 | 151.0 | 1,000 | 200 | |
| Beryllium | 0.1 | 0.1 | _ | _ | 0.2 | 0.2 | 0.1 | 5 | 5 | |
| Cadmium | 0.2 | 0.2 | _ | | 0.3 | 0.3 | 0.1 | 5 | 5 | |
| Calcium | 96,400 | 109,000 | _ | _ | 96,200 | 108,000 | 114,000 | | 5,000 | |
| Chromium | 0.8 | 1.5 | _ | _ | 1.8 | 1.5 | 0.8 | 11 | 10 | |
| Cobalt | 0.4 | 1.3 | _ | - | 0.6 | 1.1 | 0.6 | | 50 | |
| Copper | 1.2 | 2.9 | | | 1.2 | 1.2 | 0.7 | 25 | 25 | |
| ron | 2890 | 209 | _ | _ | 1,290 | 49.4 | 10.5 | 7,000 | 100 | |
| ead | 1.5 | 1.5 | - | - 110 | 2.4 J | 2.4 UJ | 1.4 | 4.2 | 3 | |
| Magnesium | 32,800 | 32,500 | _ | | 31,900 | 33,200 | 34,500 | | 5,000 | |
| Manganese | 354 | 549 | | | 398 | 265 | 84.7 | | 15 | |
| Mercury | 0.1 | 0.1 | _ | | 0.1 | 0.1 UJ | 0.1 | 0.2 | 0.2 | |
| Nickel | 1.3 | 2.6 | | | 1.1 | 1.2 | 0.4 | 96 | 40 | |
| Potassium | 5,210 | 4,550 | | _ | 4,820 | 4,270 | 4,110 | | 5,000 | |
| Selenium | 4.4 R | 4.4 UJ | | | 5.3 J | 4.4 R | 3.5 UJ | 8.5 | 5 | |
| Silver | 0.4 | 0.4 | _ | | 0.9 | 0.9 | 1.1 | 10 | 10 | |
| Sodium | 34,400 | 32,400 | - | | 32,900 | 29,700 | 30,600 | | 5,000 | |
| Thallium | 2.6 UJ | 2.6 | _ | | 6.3 J | 6.3 | 4.1 | 40 | 10 | |
| Vanadium | 0.8 | 1.6 | _ | | 7.4 | 11.1 | 11.7 | | 50 | |
| Zinc | 0.6 UJ | 0.6 | | _ | 0.7 | 2.6 | 10.1 | 86 | 20 | |
| Inorganics - Metals and Cyanide (Total) | | | _ | | Hara Land | | | | | |
| Aluminum | 41,600 | 12,000 | _ | | 23,400 | 31,900 | 17,600 J | | | |
| Antimony | 3.7 | 5.7 | _ | - | 3.9 | 21.7 J | 14.6 | | | |
| Arsenic | 32.9 | 11.5 | _ | | 60.7 J | 19.6 J | 6.8 | | | |
| Barium | 822 | 284 | | | 486 | 474 | 364 | | | |
| m | 2.9 | 1.0 | _ | | 1.4 | 1.8 | 0.8 | | | |
| 1 | 1.8 | 1.5 | | | 0.3 | 0.3 | 0.1 | | | |
| Caicium | 745,000 | 214,000 | _ | | 441,000 | 345,000 | 277,000 J | | | |
| Chromium | 112 | 28.2 | _ | - | 54.2 J | 64.0 | 34.4 | | | |
| Cobalt | 57.2 | 13.4 | | - | 27.4 | 32.2 | 16.4 | | | |
| Copper | 138.0 | 45.7 | | | 56.0 | 77.6 J | 41.5 J | 10 | 10 | |
| Cyanide | 3.0 | 0.5 | _ | _ | 0.5 | 0.5 | 0.6 | 10 | 10 | |
| Iron Lead | 129,000 | 32,700 | _ | | 61,800 | 80,500 | 45,400 J | | - | |
| Lead | 92,7 | 19.5 | _ | | 39.5 UJ | 45.3 J | 20.7 | | | |
| Magnesium | 148,000 4,200 | 56,000 1,300 | | _ | 88,600 | 86,600 1,970 | 73,800 J | | | |
| Manganese | 0.1 | 0.1 | _ | | 2,430 | | 1,300 J | | | |
| Mercury Nickel | 124 | 32.1 | _ | <u> </u> | 0.1 63.0 | 0.1 UJ 73.4 | 0.1 | | - 3 1 - | |
| Potassium | 11,800 | 7,640 | _ | _ | 11,800 | 11,500 | 17.8 8,380 | | | |
| Selenium | 4.4 UJ | 4.4 UJ | | _ | 5.1 J | 4.4 UJ | 3.5 R | | - | |
| Silver | 1.6 | 0.4 | | | 0.9 | 0.9 | 1.1 | | The state of the s | |
| Sodium | 36,900 | 33,500 | | | 37,200 | 31,500 | 34,700 J | 100000000000000000000000000000000000000 | | |
| Thallium | 2.6 | 4.1 J | _ | | 6.5 | 6.3 J | 4.1 UJ | | | |
| √anadium | 74.0 | 23.2 | _ | _ | 63.2 | 59.4 J | 38.0 J | | THE STATE OF | |
| Zinc | 367 J | 81 J | _ | _ | 178 | 224 | 128 | | | |
| Volatile Organic Compounds (VOCs) | BRL | BRL | - | _ | BRL | BRL | BRL | | | |
| Benzene | | | | | 0.061 J | 1.0 U | 1.0 U | 5 | 10 | |
| Semi-Volatile Organic Compounds (SVOCs) | BRL | BRL | _ | _ | BRL | BRL | BRL | | | |
| Pesticides / PCBs | BRL | BRL | _ | _ | BRL | BRL | BRL | | | |

Notes:

- All results expressed in micrograms per liter (μg/L).

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 6) = No Sample Available (Well Dry)
 7) U = Not detected at the listed reporting limit.
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 0) UI = A value less than the CRQL but greater than the MDL.

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 9) UJ = A value less than the CRQL but greater than the MDL.

 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.

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 aples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.

 etailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



| Anne Late | Sampling Event (All Results Expressed in Units of µg/l) | |
|-----------|---|--|
| | Quarterly Results | |

| 1.120/00 | | | | Quarterly R | | | | | |
|--|--|------------|---------|---------------|--|----------------|----------------|---------------------------|-------------|
| Compound | November-03 | March-04 | May-04 | September-04 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQL |
| norganics - Metals (Dissolved) ¹³ | | | | | THE STATE OF THE S | | | | |
| Aluminum | 25.8 | 27.2 | 55.3 | 55.3 | 55.3 | 55.3 | 16.4 | | 200 |
| Antimony | 6.5 | 3.7 | 3.9 | 3.9 | 5.7 | 6.9 | 7.7 | 60 | 60 |
| Arsenic | 2.9 | 2.9 | 5.4 | 5.4 | 28.5 J | 5.4 | 3.8 | 20 | 10 |
| Barium | 40.7 | 21.8 | 23.2 | 28.6 | 23.0 | 21.1 | 24.6 | 1,000 | 200 |
| Beryllium | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 5 | 5 |
| Cadmium | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.1 | 5 | 5 |
| Calcium | 261,000 | 239,000 | 209,000 | 238,000 | 217,000 | 236,000 | 240,000 | | 5,000 |
| Chromium | 0.8 | 1.8 | 1.5 | 4.4 | 2.4 | 1.5 | 0.8 | 11 | 10 |
| Cobalt | 0.4 | 0.4 | 0.6 | 0.6 | 0.7 | 0.6 | 0.6 | ENGINEER STATE | 50 |
| Copper | 4.0 | 2.1 | 1.2 | 1.2 | 1.2 | 1.2 | 0.7 | 25 | 25 |
| Iron | 14.1 | 28.8 | 31 | 9.1 | 9.1 | 9.1 | 10.5 | 7,000 | 100 |
| Lead | 1.5 | 1.5 | 2.4 | 2.4 | 2.4 | 2.4 UJ | 1.4 | 4.2 | 3 |
| Magnesium | 59,500 | 49,000 | 43,900 | 53,500 | 44,200 | 53,900 | 54,600 | | 5,000 |
| Manganese | 27.3 | 4.5 J | 0.6 | 13.6 | 1.3 | 0.6 | 0.1 | | 15 |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 UJ | 0.1 | 0.2 | 0.2 |
| Nickel | 2.3 | 2.6 | 2.2 | 1.1 | 1.2 | 1.1 | 0.4 | 96 | 40 |
| Potassium | 29,800 | 32,800 | 29,200 | 25,200 | 32,500 J | 19,200 | 23,200 | | 5,000 |
| Selenium | 4.4 R | 4.4 UJ | 4.4 R | 4.4 UJ | 4.4 | 4.4 R | 3.5 UJ | 8.5 | 5 |
| Silver | 0.4 | 0.4 | 0.9 | 1.2 | 0.9 | 0.9 | 1.1 | 10 | 10 |
| Sodium | 186,000 | 166,000 | 145,000 | 179,000 | 134,000 | 135,000 | 151,000 | | 5,000 |
| Thallium | 2.6 UJ | 3.1 J | 6.3 UJ | 6.3 | 6.3 | 6.3 | 4.1 | 40 | 10 |
| Vanadium | 0.8 | 1.4 | 1.1 | 1.1 | 8.6 | 16.0 | 16.0 | | 50 |
| Zinc | 0.6 UJ | 3.1 | 0.7 | 0.7 | 0.7 | 13.3 | 12.5 | 86 | 20 |
| Inorganics - Metals and Cyanide | PARTY OF THE PARTY | | | restaction of | | | | | |
| (Total) | | | | | | | | | |
| Aluminum | 3,710 | 816 | 754 | 4,300 J | 1,040 J | 7,180 | 2,390 J | | |
| Antimony | 3.7 | 4.7 | 3.9 | 4.9 | 4.2 | 13.7 J | 7.2 | | |
| Arsenic | 4.3 | 2.9 | 5.4 | 5.4 | 28.2 J | 5.4 | 4.1 | | |
| Barium | 213 | 55 | 58.4 | 214 | 44.6 J | 328 | 85.2 | | |
| lium | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.1 | | |
| ium | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 1.5 | 0.1 | | |
| Lum | 281,000 | 243,000 | 234,000 | 276,000 | 211,000 | 275,000 | 238,000 J | S-102-00-0 | |
| Chromium | 19.1 | 5.5 | 3.7 | 22.8 | 6.8 | 28.7 | 30.7 | Turk Water Inc. | 14 K - 17 E |
| Cobalt | 7.4 | 2.1 | 2.5 | 8.4 | 2.1 | 13.1 | 4.7 | | |
| Copper | 11.9 | 10.1 | 4.1 | 6.5 J | 2.7 | 18.4 J | 5.0 J | CINE CON | |
| Cyanide | 3.0 | 1 | 0.6 | 0.5 | 0.5 | 0.6 | 0.6 | 10 | 10 |
| Iron | 12,900 | 3,020 | 2,710 | 14,000 | 4,260 J | 23,600 | 10,500 J | | |
| Lead | 10.0 | 1.5 | 4.7 J | 11.7 J | 2.4 | 8.6 J | 2.4 | | |
| Magnesium | 62,400 | 51,500 | 49,100 | 58,000 | 40,400 | 61,100 | 56,000 J | | |
| Manganese | 923 | 224 | 357 | 1,180 | 295 | 1,680 | 566 J | | |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 UJ | 0.1 | | |
| Nickel | 20 | 6.7 | 6.3 | 19.0 | 6.6 | 32.7 | 0.4 | | |
| Potassium | 31,900 | 32,500 | 32,900 | 28,600 | 33,700 J | 22,000 | 22,500 | | |
| Selenium | 4.4 UJ | 4.4 UJ | 4.4 UJ | 4.4 R | 4.4 | 4.4 UJ | 3.5 R | | |
| Silver | 0.4 | 0.4 | 0.9 | 0.9 | 0.9 | 0.9 | 1.1 | | |
| Sodium | 180,000 | 162,000 | 152,000 | 184,000 | 127,000 | 143,000 | 148,000 J | | |
| Thallium Vanadium | 2.6 | 2.6 | 6.3 | 6.3 | 6.3 | 6.3 UJ | 4.1 UJ | | |
| Vanadium Zinc | 5.9 36.3 J | 2.3 7.9 | 1.1 | 1.2 34.4 J | 10.6 15.0 J | 25.1 J 68.0 | 19.5 J 36.0 | | |
| Volatile Organic Compounds (VOCs) | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |
| | | | | | | | | The state of the state of | |
| 1,1-Dichloroethane | 1.0 U | 1.0 U | 0.18 J | 0.098 J | 0.18 J | 1.0 U | 1.0 U | - | 10 |
| Ethylbenzene | 7 1 2 3 | | | 0.016 J | 1.0 U | 1.0 U | 1.0 U | 62 | 10 |
| Semi-Volatile Organic Compounds (SVOCs) | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |
| Pesticides / PCBs | BRL | BRL | BRL | BRL | BRL | BRL | BRL | 1 State 2 State | |

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- Standard Inorganic Data Qualifiers have been used.
 Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
- 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.

- 49 John Red reteries with a three volume induces a detection above the 1 rigger Level.

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 6) = No Sample Available (Well Dry)

 7) U = Not detected at the listed reporting limit.

 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.

 9) UJ = A value less than the CRQL but greater than the MDL.

- 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.

 R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified. CRQL = Contract Required Quantitation Limit
 - Samples analyzed for Dissolved Inorganics were field filtered using a 0.45 micron, gravity flow filter.
- 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



| | | | Sampling E | vent (All Results Expr | essed in Units of µg/l |) | | | |
|--|-------------|---------------------|------------|------------------------|------------------------|---------------|---------------|--|--|
| | | | | Quarterly Resu | lts | | | | |
| Compound | November-03 | March-04 | May-04 | September-04 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQL |
| Inorganics - Metals (Dissolved) ¹³ | | Insufficient Volume | | Insufficient Volume | | | | | |
| Aluminum | 25.8 | 25.8 | 57.9 | _ | 55.3 J | 55.3 | 50.4 | | 200 |
| Antimony | 3.7 | 5.1 | 3.9 | _ | 7.4 | 11.0 | 4.0 | 60 | 60 |
| Arsenic | 2.9 | 2.9 | 5.4 | _ | 35.4 J | 5.4 | 4.5 | 20 | 10 |
| Barium | 28.7 | 27.1 | 37 | _ | 85.2 J | 48.7 | 18.7 | 1,000 | 200 |
| Beryllium | 0.1 | 0.2 | 0.2 | | 0.2 | 0.2 | 0.1 | 5 | 5 |
| Cadmium | 0.2 | 0.2 | 0.6 | | 0.3 | 0.3 | 0.1 | 5 | 5 |
| Calcium | 100,000 | 309,000 | 163,000 | _ | 298,000 | 299,000 | 137,000 | | 5,000 |
| Chromium | 0.8 | 2.6 | 1.5 | | 3.0 | 1.5 | 5.1 | - 11 | 10 |
| Cobalt | 0.4 | 0.4 | 0.6 | | 0.6 | 0.6 | 0.6 | Maria Calaba | 50 |
| Copper | 4.2 | 4 | 1.2 | | 1.2 | 1.2 | 0.7 | 25 | 25 |
| iron | 14.1 | 14.1 | 26.4 | | 9.1 J | 58.5 | 10.5 | 7,000 | 100 |
| Lead | 1.5 | 1.5 | 2.4 | _ | 2.4 J | 2.4 UJ | 1.4 | 4.2 | 3 |
| Magnesium | 20,100 | 88,200 | 28,800 | | 50,800 J | 61,600 | 30,100 | The state of the s | 5,000 |
| Manganese | 2.4 | 0.5 J | 1.4 | | 1.0 | 1.7 | 0.9 | District Control | 15 |
| Mercury | 0.1 | 0.1 | 0.1 | | 0.1 | 0.1 UJ | 0.1 | 0.2 | 0.2 |
| Nickel | 0.7 | 2.4 | 2.1 | | 1.2 | 1.1 | 0.4 | 96 | 40 |
| Potassium | 6,970 | 6,480 | 6,640 | | 13,100 J | 8,350 | 6,810 | | 5,000 |
| Selenium | 4.4 R | 4.4 UJ | 4.4 R | | 6.8 J | 4.4 R | 3.5 UJ | 8.5 | 5 |
| Silver | 0.4 | 0.4 | 0.9 | _ | 0.9 | 0.9 | 1.1 | 10 | 10 |
| Sodium | 201,000 | 46,000 | 46,000 | <u> </u> | 89,800 | 74,800 | 20,300 | 10 | 5,000 |
| Thallium | 2.6 UJ | 2.6 | 6.3 UJ | | 6.3 | 6.3 | 4.1 | 40 | 10 |
| Vanadium | 0.8 | 0.8 | 1.1 | | 9.9 | 16.7 | 11.3 | 40 | 50 |
| Zinc | 0.6 UJ | 0.6 | 0.7 | | 0.7 J | 7.0 | 9.9 | 86 | 20 |
| Inorganics - Metals and Cyanide (Total | | 010 | 017 | | 0.73 | | | | |
| Aluminum | 13,400 J | 32,500 | 16,300 | _ | 23,700 | 18,300 | 74,200 J | | |
| Antimony | 3.7 | 9.7 | 8.2 | _ | 3.9 | 5.3 J | 36.7 | | |
| Arsenic | 11.7 | 17 | 5.4 | | 49.9 J | 5.4 | 3.8 | | |
| Barium | 89.8 | 129 | 88.1 | | 159 | 111 | 181 | | |
| um | 0.9 | 2.5 | 1.3 | | 1.3 | 1.0 | 4.3 | | |
| um | 0.2 | 2.8 | 1.2 | _ | 0.3 | 0.3 | 0.1 | | |
| Carcium | 158,000 | 492,000 | 234,000 | | 337,000 | 342,000 | 568,000 J | | |
| Chromium | 33.2 | 59.6 | 31.6 | Selvice - Provide | 44.0 | 33.4 | 106 | I laveyne it | |
| Cobalt | 16.6 | 36.1 | 19.1 | _ | 25.3 | 19.2 | 77.6 | The second | |
| Copper | 29.3 | 54.5 | 26.9 | _ | 25.4 | 25.3 J | 83.7 J | | |
| Cyanide | 3.0 | | 0.5 | | 0.5 | _ | | 10 | 10 |
| Iron | 31,300 | 74,200 | 41,800 | | 58,100 | 42,400 | 160,000 J | | |
| Lead | 28.2 | 40.4 | 26.9 J | _ | 35.0 | 20.6 J | 78.7 | | |
| Magnesium | 32,500 | 112,000 | 41,900 | | 62,200 J | 73,500.0 | 86,700 J | | |
| Manganese | 555 | 1,410 | 785 | _ | 1,880 | 1,960.0 | 4,340 J | | |
| Mercury | 0.1 | 0.1 | 0.1 | _ | 0.1 | 0.1 UJ | 0.2 | | |
| Nickel | 31.6 | 67.3 | 37.8 | - | 50.1 | 34.8 | 105 | | |
| Potassium | 9,290 | 11,800 | 10,600 | _ | 17,600 J | 12,600 | 19,100 | | |
| Selenium | 4.4 UJ | 4.4 UJ | 4.4 UJ | _ | 9.9 | 4.4 UJ | 3.5 R | | |
| Silver | 0.4 | 0.4 | 0.9 | _ | 0.9 | 0.9 | 1.1 | | |
| Sodium | 212,000 | 44,600 | 45,000 | | 89,000 | 78,600 | 19,500 J | | |
| Thallium | 2.6 | 11 J | 6.3 | | 6.3 | 6.3 UJ | 4.1 UJ | | |
| Vanadium | 23.2 | 51.2 | 19.8 | _ | 55.0 | 39.8 J | 103 J | | |
| Zinc | 135 J | 180 | 97.3 | | 140 | 116 | 391 | | STATE OF THE STATE |
| Volatile Organic Compounds (VOCs) | BRL | BRL | BRL | _ | BRL | BRL | | 2-44 | |
| Benzene Control disulfide | | | | | 0.52.5 | 1.0 J | 0.083 J | 5 | 10 |
| Carbon disulfide Semi-Volatile Organic Compounds | - | | | | 0.53 J | 1.0 U | 1.0 U | | 10 |
| (SVOCs) N-Nitrosodiphenylamine | BRL | BRL | BRI, | _ | BRL | BRL | BRL 10.6 U | | 10 |
| Pesticides / PCBs | BRL | BRL | BRL | | 0.954 U BRL | 11.6 U BRL | 10.6 U BRL | | 10 |
| toucides / I CDs | DKL | DKL | DKL | _ | DKL | BKL | DKL | | |

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
 2) Standard Inorganic Data Qualifiers have been used.
 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)

- 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
 6) = No Sample Available (Well Dry)
 7) U = Not detected at the listed reporting limit.
 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 9) UJ = A value less than the CRQL but greater than the MDL.
 = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
 = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
- [= The sample results are rejected due to decrease in the abundance of a sample of a sample results are rejected due to decrease in the abundance of a sample of



| | | | Sampling l | Event (All Results Ex | pressed in Units of µ | g/l) | | | |
|--|-----------------|-----------------|-------------------|-----------------------|-----------------------|------------------|-------------------|--|-----------|
| | | | | Quarterly Re | esults | | | TRIGGER LEVEL 60 20 1,000 5 5 5 11 25 5,000 4.2 96 8.5 10 40 86 | |
| Compound | November-03 | March-04 | May-04 | September-04 | December-04 | March-05 | June-05 | | CRQL |
| norganics - Metals (Dissolved) ¹³ | | | | | | | | | |
| Muminum | 25.8 | 25.8 | 55.3 | 55.3 | 55.3 | 55.3 | 16.4 | | 200 |
| Antimony | 3.7 | 4.5 | 4.5 | 7.5 | 7.5 | 5.7 | 7.6 | 60 | 60 |
| Arsenic | 7.5 | 2.9 | 5.4 | 5.4 | 31.2 J | 12.9 J | 3.8 | 20 | 10 |
| Barium | 83.3 | 39.4 | 45.3 J | 65.0 | 65.6 | 35.2 | 46.3 | 1,000 | 200 |
| Beryllium | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 5 | 5 |
| Cadmium | 0.2 | 0.3 | 0.9 | 0.3 | 0.3 | 0.3 | 0.1 | 5 | 5 |
| Calcium | 191,000 | 191,000 | 178,000 | 199,000 | 216,000 | 183,000 | 211,000 | | 5,000 |
| Chromium | 0.8 | 1.1 | 1.5 | 3.8 | 1.9 | 1.5 | 0.8 | 11 | 10 |
| Cobalt | 2.0 | 1.4 | 1.4 | 1,3 | 1.6 | 0,9 | 1.4 | | 50 |
| Copper | 1.2 | 8 | 1.2 | 1,2 | 1.2 | 1,2 | 0.7 | 25 | 25 |
| ron | 5,100 | 187 | 1,370 J | 4,410 | 1,310 | 32,1 | 122 | 5,000 | 100 |
| ead | 1.5 | 1.5 | 2.4 UJ | 2.4 UJ | 2.4 | 2,4 UJ | 1.4 | | 3 |
| 1agnesium | 35,700 | 29,100 | 34,100 | 40,500 | 41,500 | 33,500 | 45,800 | | 5,000 |
| Manganese | 866 | 485 | 481 | 686 | 564 | 713 | 953 | | 15 |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 UJ | 0.1 | 0.2 | 0.2 |
| Nickel | 4.0 | 4.2 | 4.7 J | 4.0 | 3.6 | 2.0 | 0.4 | | 40 |
| Potassium | 10,100 | 6,990 | 7,160 | 8,690 J | 8,360 J | 6,540 | 7,010 | 100000000000000000000000000000000000000 | 5,000 |
| Selenium | 4.4 R | 4.4 UJ | 4.4 | 4.4 UJ | 4.5 | 4.4 R | 3.5 UJ | 8.5 | 5 |
| Silver | 0.4 | 0.4 | 0.9 | 0.9 | 0.9 | 0.9 | 1.1 | | 10 |
| Sodium | 28,300 | 27,900 | 28,600 | 28,400 J | 56,600 | 24,800 | 35,400 | 10 | 5,000 |
| Thallium | 2.6 UJ | 2.6 | 6.3 | 8.2 J | 6.3 | 6.3 | 4.1 | 40 | 10 |
| Vanadium | 0.8 | 1.2 | 1.1 | 4.4 | 8.8 | 9.3 | 12.9 | 40 | 50 |
| Zinc | 4.8 J | 0.6 | 0.7 UJ | 0.7 | 0.7 | 7.0 | 13.7 | 96 | 20 |
| | | 0.6 | 0.7 03 | 0.7 | 0.7 | 7.0 | 15.7 | 00 | 20 |
| Inorganics - Metals and Cyanide (Total | 1 | | | | | | | | |
| Aluminum | 1,080 | 452 | 5,090 J | 7,740 J | 6,330 J | 4,610 | 5,930 J | or Latin Library | 77-1 |
| Antimony | 3.7 | 4.8 | 5.2 | 3.9 | 4.3 | 6.2 J | 10.4 | T SUFFE T | |
| Arsenic | 3.7 | 2.9 | 5.4 UJ | 5.4 | 40.5 J | 7.6 J | 8.8 | | |
| Barium | 91.3 | 44.1 | 108 J | 155 | 121 J | 79.7 | 101.0 | | |
| llium | 0.1 | 0.2 | 0.6 | 0.2 | 0.2 | 0.2 | 0.2 | Sale | |
| nium | 0.2 | 0.3 | 1.2 | 0.3 | 0.3 | 0.3 | 0.1 | | |
| Calcium | 190,000 | 187,000 | 217,000 J | 278,000 | 237,000 | 222,000 | 233,000 J | | |
| Chromium | 2.1 | 1.9 | 8.1 J | 15.0 | 12.3 | 8.5 | 9.1 | | |
| Cobalt | 3.3 | 1.7 | 6.5 | 8.2 | 5.8 | 4.7 | 6.4 | | |
| Copper | 4.2 | 22.2 | 12.4 J | 12.6 J | 8.0 | 9.5 J | 11.6 J | | |
| Cyanide | 3.0 | 0.5 | 0.5 | 0.8 | 0.5 | 0.5 | 0.6 | 10 | 10 |
| ron | 8,640 | 2,430 | 17,500 J | 26,200 | 16,100 J | 13,500 | 18,200 J | | |
| Lead | 1.6 | 22.1 | 9.3 J | 10.3 J | 4.7 J | 2.4 UJ | 8.3 | | |
| Magnesium | 37,500 | 30,000 | 45,200 J | 59,700 | 45,600 J | 44,500 | 51,700 J | | THE WATER |
| Manganese | 922 | 527 | 751 J | 1,190 | 754 | 923 | 1,110 J | | - |
| Mercury | 0.1 | 0.1 | 0.1 | | | | | | |
| Nickel | 7.6 | 4.3 | 17.2 J | 0.1 | 0.1 | 0.1 UJ | 0.1 | | |
| Potassium | 9,430 | 6,950 | 9,300 | 19.3 10,900 | 14.8 10,400 J | 10.9 8,380 | 0.4 8,270 | | |
| Selenium | 9,430 4.4 UJ | 6,950 4.4 UJ | 9,300 | 10,900 4.4 R | 10,400 J 5.2 J | | 8,270 3.5 R | | |
| Silver | 0.4 | 0.4 | 0.9 | 0.9 | 0.9 | 4.4 UJ | | | |
| Sodium | 27,700 | 27,000 | 30,300 J | 32,800 | 57,400 | 0.9 27,800 | 1.1 33,500 J | | |
| Thallium | 2.6 | 27,000 | 6.3 | 6.3 | 6.3 | 6.3 UJ | 4.1 UJ | | |
| /anadium | 0.8 | 2.1 | 3.4 | 6.6 | 21.7 | 18.2 J | 21.8 J | | |
| inc | 13.8 J | 7.3 J | 22.4 UJ | 56.9 J | 39.5 J | 37.8 | 54.3 | | |
| Volatile Organic Compounds (VOCs) | BRL | BRL | BRL | BRL | BRL | BRL | BRL | 1 | |
| Carbon disulfide | | | | | | | | | ** |
| Semi-Volatile Organic Compounds | 1.0 U BRL | 1.0 U BRL | 1.0 U BRL | 0.43 J BRL | 1.0 U BRL | 1.0 U BRL | 1.0 U | | 10 |
| | DKL | BKL | DKL, | BKL | DKL | BKL | | | |
| (SVOCs) | | | | | | | | | |
| (SVOCs) Bis(2-Chloroethyl)ether | | | 0.665 J | 0.893 J | 10.0 U | 10.4 U | 0.535 J | 13.6 | 10 |
| (SVOCs) Bis(2-Chloroethyl)ether Bis (2-ethlyhexyl) phthalate | 10.0 U | 10.0 U | 0.665 J 10.0 U | 0.893 J 10.0 U | 10.0 U 10.0 U | 10.4 U 10.4 U | 0.535 J 10.0 U | 13.6 49 | 10 |

- All results expressed in micrograms per liter (µg/L).
 Standard Inorganic Data Qualifiers have been used.
- 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
- BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
 = No Sample Available (Well Dry)
 U = Not detected at the listed reporting limit.

- 7) U = Not detected at the listed reporting limit.
 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 1) U = A value less than the CRQL but greater than the MDL.
 1) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
 1) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
 12) CRQL = Contract Required Quantitation Limit
 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.
 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



| Sampling Event (All Results Expressed in Units of μg/l) | |
|---|--|
| Quarterly Results | |

| | | | | Quarterly Res | ults | | | | |
|---|-------------|----------|---------|---------------|-------------|-----------|-----------|------------------|------------|
| Compound | November-03 | March-04 | May-04 | September-04 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQL |
| (norganics - Metals (Dissolved) ¹³ | | | | | | | | | |
| Aluminum | 25.8 | 25.8 | 55.3 | 55.3 | 55.3 | 1,180 | 36.6 | The Water Bullet | 200 |
| Antimony | 3.7 | 3.7 | 4.7 | 5.4 | 5,4 | 5.5 | 6.7 | 60 | 60 |
| Arsenic | 2.9 | 2.9 | 5.4 | 5.4 | 16.5 J | 8.1 J | 3.8 | 20 | 10 |
| Barium | 126 | 111 | 117 | 111 | 68.5 | 125 | 112 | 1,000 | 200 |
| Beryllium | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 5 | 5 |
| Cadmium | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.1 | 5 | 5 |
| Calcium | 123,000 | 122,000 | 122,000 | 132,000 | 88,000 | 133,000 | 133,000 | | 5,000 |
| Chromium | 0.8 | 2.1 | 2.8 | 4.5 | 3.3 | 4.3 | 0.8 | - 11 | 10 |
| Cobalt | 0.4 | 0.5 | 0.6 | 0.6 | 0.6 | 1.2 | 0.6 | Salar Car | 50 |
| Copper | 2.7 | 1.2 | 1.2 | 1.2 | 1.2 | 1.4 | 0.7 | 25 | 25 |
| Iron | 14.1 | 14.1 | 27 | 9.1 | 10.2 | 2,870 | 10.5 | 7,000 | 100 |
| Lead | 1.5 | 1.5 | 2.4 | 2.4 | 2.4 | 2.4 UJ | 1.4 | 4.2 | 3 |
| Magnesium | 49,200 | 48,700 | 47,700 | 49,400 | 32,700 | 51,300 | 55,900 | | 5,000 |
| Manganese | 51.4 | 164 J | 58.2 | 29.2 | 9.7 | 239 | 65.0 | | 15 |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 UJ | 0.1 | 0.2 | 0.2 |
| Nickel | 0.9 | 1.8 | 2.2 | 1.1 | 1.1 | 5.1 | 0.4 | 96 | 40 |
| Potassium | 10,800 | 11,100 | 10,900 | 10,000 J | 6,680 J | 9,340 | 8,910 | | 5,000 |
| Selenium | 4.4 R | 4.4 UJ | 4.4 R | 4.4 UJ | 4.4 | 4.4 R | 3.5 UJ | 8.5 | 5 |
| Silver | 0.4 | 0.4 | 0.9 | 1.6 | 0.9 | 0.9 | 1.1 | 10 | 10 |
| Sodium | 120,000 | 120,000 | 108,000 | 120,000 J | 77,000 | 111,000 | 126,000 | | 5,000 |
| Thallium | 2.6 UJ | 2.6 | 6.3 UJ | 6.3 | 6.3 | 6.3 | 4.1 | 40 | 10 |
| Vanadium | 0.8 | 1.6 | 1,1 | 1.1 | 8.2 | 15.2 | 16.0 | | 50 |
| Zinc | 0.9 | 0.6 | 3.7 | 0.7 | 5.2 | 15.2 | 5.5 | 86 | 20 |
| Inorganics - Metals and Cyanide (Total) | 1 | | | | | | - Service | | The second |
| Aluminum | 24,100 | 13,200 | 4,100 | 5,690 J | 12,400 J | 44,600 | 19,800 J | T 1 | _ |
| Antimony | 3.7 | 6.1 | 8.0 | 3.9 | 3.9 | 27.5 J | 15.5 | | |
| Arsenic | 17.7 | 8.3 | 5.4 | 5.4 | 37.6 J | 5.4 | 4.5 | | |
| Barium | 633 | 361 | 226 | 237 | 363 J | 867 | 464 | | |
| eryllium | 1.5 | 1.1 | 0.3 | 0.2 | 0.5 | 2.2 | 0.9 | | |
| admium | 1.1 | 1.6 | 0.3 | 0.3 | 0.3 | 9.8 | 0.1 | | |
| Calcium | 618,000 | 337,000 | 231,000 | 200,000 | 239,000 | 886,000 | 274,000 J | I RESIDENCE | |
| Chromium | 49.5 | 29.6 | 10.7 | 17.8 | 33.9 | 73.4 | 42.5 | | |
| Cobalt | 33.5 | 15.6 | 5.4 | 6.2 | 13.9 | 51.5 | 20.5 | | |
| Copper | 72.8 | 42.7 | 8.8 | 9.6 J | 25.1 | 86.3 J | 40.8 J | | |
| Cyanide | 3.0 | 1.0 | 0.5 | 0.6 | 0.5 | _ | 0.6 | 10.0 | 10.0 |
| Iron | 60,800 | 35,000 | 9,710 | 14,200 | 31,900 J | 99,000 | 48,000 J | | |
| Lead | 72.8 | 39.5 | 12 J | 16.8 J | 23.9 Ј | 62 J | 32.3 | | |
| Magnesium | 137,000 | 88,000 | 57,500 | 57,400 | 68,800 J | 107,000 | 79,000 J | | |
| Manganese | 3,380 | 1,460 | 746 | 608 | 1,030 | 5,270 | 1,430 J | | |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 UJ | 0.1 | | |
| Nickel | 64.3 | 35.4 | 13.1 | 12.3 | 35.1 | 101 | 15.8 | | |
| Potassium | 15,100 | 13,900 | 12,100 | 12,000 | 13,800 J | 18,700 | 13,200 | | |
| Selenium | 4.4 UJ | 4.4 UJ | 4.4 UJ | 4.4 R | 8.1 J | 4.4 UJ | 3.5 R | | |
| Silver | 0.4 | 0.4 | 0.9 | 0.9 | 0.9 | 0.9 | 1.1 | | |
| Sodium | 121,000 | 123,000 | 108,000 | 121,000 | 118,000 | 123,000 | 122,000 J | | |
| Thallium | 2.6 | 6.9 J | 6.3 | 6.3 | 6.3 | 6.3 UJ | 4.1 UJ | | |
| Vanadium | 40.5 | 23.0 | 1.1 | 1.9 | 37.1 | 72.9 J | 42.8 J | | |
| Zinc | 181 J | 101 | 34.7 | 42.9 J | 97.8 J | 324 | 150.0 | | |
| Volatile Organic Compounds (VOCs) | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |
| Benzene | | | | 0.035 J | 1.0 U | 1.0 U | 1.0 U | 5 | 10 |
| Ethylbenzene | | | | 0.019 J | 1.0 U | 1.0 U | 1.0 U | 62 | 10 |
| Xylene (total) | | | | 0.039 J | 1.0 U | 1.0 U | 1.0 U | 10,000 | 10 |
| Semi-Volatile Organic Compounds (SVOCs) | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |
| Pesticides / PCBs | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |
| | | | | 1000000 | | 1,555,555 | | | |

Notes:

- 1) All results expressed in micrograms per liter (μg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)

- | Solid Control of the Control of t
- 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.

 9) UJ = A value less than the CRQL but greater than the MDL.

 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.

 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

 12) CRQL = Contract Required Quantitation Limit

- 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



|) | | | Sampling E | vent (All Results E | xpressed in Units of μ | ι g/l) | | | |
|---|-------------|-------------|---------------------|---------------------|------------------------|---------------------|---|--|------|
| | | | | Quarterly F | Results | | | | |
| Compound | November-03 | March-05 | May-04 | September-04 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQL |
| Inorganics - Metals (Dissolved) ¹³ | Well is Dry | Well is Dry | Insufficient Volume | Well is Dry | Insufficient Volume | Insufficient Volume | Well is Dry | | |
| Inorganics - Metals and Cyanide (Total) | - | _ | - | _ | - | - | | La constant | |
| Volatile Organic Compounds (VOCs) | _ | - | BRL | | BRL | BRL | _ | TENEDICAL SACE | |
| 1,1-Dichloroethane | | | 1.9 | | 0,47 J | 0.26 J | | | 10 |
| Chlorobenzene | | | 0.29 J | | 1.0 U | 1.0 U | | 26 | 10 |
| Trichlorothene | | | 0.11 J | | 1.0 U | 1.0 U | | 5 | 10 |
| Xylene | | | 0.4 J | | 1.0 U | 1.0 U | | 10,000 | 10 |
| Benzene | | | 6.0 | | 1.0 U | 1.0 U | | 5 | 10 |
| Semi-Volatile Organic Compounds (SVOCs) | - | _ | _ | | BRL | - | - | | |
| Bis (2-Chloroethyl) ether | | | | | 11.8 U | | 110000000000000000000000000000000000000 | 13.6 | 10 |
| Pesticides / PCBs | 541 LB (S) | _ | | | | _ | | MANUFACTURE OF THE PARTY OF THE | |

- Notes:

 1) All results expressed in micrograms per liter (µg/L).
 2) Standard Inorganic Data Qualifiers have been used.
 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J. or UJ
 6) = No Sample Available (Well Dry)
 7) U = Not detected at the listed reporting limit.
 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 9) UI = A value less than the CRQL but greater than the MDL.
 10) J = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
 12) CRQL = Contract Required Quantitation Limit
 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.
 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

| | | | Sampling Ev | ent (All Results Expr | essed in Units of µg/l |) | | 1 | |
|---|-----------------|-----------------|-------------------|-----------------------|------------------------|-----------------|----------------|---|------------|
| | | | | Quarterly Resu | lts | | | 1 | |
| Compound | November-03 | March-04 | May-04 | September-04 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQL |
| Inorganics - Metals (Dissolved) ¹³ | A 201 | | | | 137000 | | | | |
| Aluminum | 25.8 | 25.8 | 82.4 | 55.3 | 55.3 | 55.3 | 31.7 | | 200 |
| Antimony | 3.7 | 3.8 | 11.3 | 5.7 | 6.2 | 7.8 | 6.4 | 60 | 60 |
| Arsenic | 5.4 | 2.9 | 5.4 | 5.4 | 30.4 J | 14.8 J | 3.8 | 20 | 10 |
| Barium | 68.6 | 20.1 | 29.9 J | 50.6 | 41.3 | 31.7 | 31.0 | 1,000 | 200 |
| Beryllium | 0.1 | 0.2 | 0.5 | 0.2 | 0.2 | 0.2 | 0.1 | 5 | 5 |
| Cadmium | 0.2 | 0.2 | 1.3 | 0.3 | 0.3 | 0.3 | 0.1 | 5 | 5 |
| Calcium | 278,000 | 295,000 | 287,000 | 292,000 | 252,000 | 286,000 | 245,000 | | 5,000 |
| Chromium | 0.8 | 1.8 | 1.5 | 4.7 | 3.2 | 1.5 | 0.8 | 11 | 10 |
| Cobalt | 4.1 | 1.1 | 3.6 | 2.9 | 2.6 | 2.4 | 2.1 | | 50 |
| Copper | 1.2 | 2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.7 | 25 | 25 |
| Iron | 1,150 | 21.4 | 620 J | 1,150 | 1,220 | 655 | 1,840 | 7,000 | 100 |
| Lead | 1.5 | 1.5 | 2.4 UJ | 2.4 | 2.4 | 2.4 UJ | 1.4 | 4.2 | 3 |
| Magnesium | 61,000 | 67,000 | 67,400 | 63,300 | 57,900 | 69,600 | 56,800 | | 5,000 |
| Manganese | 2,600 | 271 J 0.1 | 1,840 J 0.1 | 2,610 | 1,970 | 1,530 0.1 UJ | 0.1 | 0.2 | 0.2 |
| Mercury | 6.9 | 3.2 | | | | 1.6 | 0.1 | 96 | 40 |
| Nickel | | | 8.8 J | 4.0 | 3.8 | | | 90 | 5,000 |
| Potassium Selenium | 11,600 4.4 R | 5,210 4.4 UJ | 7,800 J 4.4 | 9,090 J 4.4 UJ | 8,450 J 6.8 | 5,920 | 7,300 3.5 J | 8.5 | 5,000 |
| Silver | 0.4 | 0.4 | 0.9 | 0.9 | 0.8 | 0.9 | 1.1 | 10 | 10 |
| Sodium | 72,100 | 46,100 | 75,100 J | 99,800 J | 50,700 | 44,700 | 66,300 | 10 | 5,000 |
| Thallium | 2.6 UJ | 4.6 | 6.3 | 6.3 | 6.3 | 6.3 | 4.1 | 40 | 10 |
| Vanadium | 0.8 | 0.8 | 1.1 | 1.1 | 10.9 | 16.5 | 14.7 | | 50 |
| Zinc | 3.7 J | 0.6 | 0.7 UJ | 0.7 | 0.7 | 8.3 | 10.2 | 86 | 20 |
| Inorganics - Metals and Cyanide | WE THE | | 1 1 1 1 1 1 1 | STATE OF THE STATE OF | | | | | |
| (Total) | | | | | | | T | - 10° 10° 10° 10° 10° 10° 10° 10° 10° 10° | 37.32 |
| Aluminum | 10,500 | 26,600 | 44,700 J | 37,200 J | 30,700 J | 62,600 | 99,900 J | | |
| Antimony | 9.3 | 5.7 17.1 | 13.6 | 3.9 | 3.9 | 30.1 J | 53.5 | | |
| Arsenic Barium | 147 | 186 | 9.7 J 334 J | 5.4 279 | 74.0 J 244 J | 5.4 393 | 3.8 617 | | |
| Beryllium | 0.6 | 2.1 | 3.4 | 1.4 | 1.7 | 3.5 | 5.3 | - | |
| Cadmium | 0.2 | 2.5 | 3.9 | 0.3 | 0.3 | 0.3 | 0.1 | STAY TO | |
| Calcium | 465,000 | 465,000 | 659,000 J | 569,000 | 752,000 | 702,000 | 922,000 J | | |
| Chromium | 13.7 | 38.2 | 66.8 J | 52.0 | 41.9 | 67.9 | 120 | | NOT THE |
| Cobalt | 17.5 | 28.3 | 56.1 | 41.1 | 38.6 | 60.7 | 99.3 | (2010) | |
| Copper | 17.4 | 69.2 | 104 J | 64.0 J | 43.0 | 124 J | 187 J | | |
| Cyanide | 3.0 | 0.5 | 1.2 | 0.7 | 0.5 | 0.5 U | 0.6 | 10 | 10 |
| Iron | 25,800 | 63,200 | 112,000 J | 84,700 | 69,800 J | 141,000 | 223,000 J | | |
| Lead | 23.4 | 41 | 76.4 J | 57.4 J | 46.6 J | 85.6 J | 140 | | |
| Magnesium | 96,100 | 111,000 | 148,000 J | 121,000 | 106,000 J | 157,000 | 184,000 J | | |
| Manganese | 4,090 | 2,570 | 5,580 J | 5,250 | 6,160 | 5,660 | 8,490 J | | 100 L |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 J | 0.2 | | TARTE INT. |
| Nickel | 31 | 58.1 | 114 J | 83.3 | 68.7 | 119 | 171 | | |
| Potassium | 31,500 | 9,320 | 15,800 J | 15,500 | 16,100 J | 15,200 | 22,000 | | The Table |
| Selenium | 4.4 UJ | 4.4 UJ | 7.2 | 4.4 R | 12.3 J | 17.2 J | 3.5 R | - | |
| Silver | 0.4 | 0.4 | 0.9 | 0.9 | 0.9 | 0.9 | 1.1 | | |
| Sodium | 73,600 | 45,000 | 81,700 J | 100,000 | 53,100 | 45,800 | 71,100 J | | |
| Thallium | 2.6 | 8.5 J | 6.3 | 6.3 | 6.3 | 6.3 UJ | 4.1 UJ | | |
| Vanadium Zinc | 17.8 66.3 I | 43 176 I | 69.3 292 I | 58.7 | 74.1 | 90.7 J | 1.0 J | | |
| Volatile Organic Compounds (VOCs) | 0015 | 1703 | 2,22,7 | 243 J | 199 J | 403 | 637 | | |
| | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |
| Acetone | 5.0 U | 5.0 R | 5.0 R | 5.0 R | 5.0 R | 5.0 R | 5.0 R | # 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 10 |
| Benzene Carbon disulfide | 1077 | 1011 | 10.17 | 0.027 | 1.0 U | 1.0 U | 0.13 J | 5 | 10 |
| Ethylbenzene | 1.0 U | 1.0 U | 1.0 U | 0.075 J 0.022 J | 1.0 U 1.0 U | 1.0 U 1.0 U | 1.0 U 1.0 U | 62 | 10 |
| Xylene (total) | | | | 0.022 J | 1.0 U | 1.0 U | 1.0 U | 10,000 | 10 |
| Semi-Volatile Organic Compounds | BRL | BRL | BRL | BRL | BRL | BRL | BRL | 10,000 | 10 |
| (SVOCs) | | | | | | | | 100 | |
| Di-n-butylphthalate Butylbenzylphthalate | | 0.61 J | 0.692 J 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10 | 10 |
| | ner. | | | 10.0 U | 10.0 U | 0.771 J | 1.07 J | 10 | 10 |
| Pesticides / PCBs | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |

- Notes:

 1) All results expressed in micrograms per liter (µg/L).
 2) Standard Inorganic Data Qualifiers have been used.
 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J., or UJ
 6) No Sample Available (Well Dry)
 7) U = Not detected at the listed reporting limit.
 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 9) UJ = A value less than the CRQL but greater than the MDL.
 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
 12) CRQL = Contract Required Quantitation Limit
 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.
 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



| Sampling Event (All Results Expressed in Units of µg/l) | |
|---|--|
| Quarterly Results | |

| Compound | November-03 | March-04 | May-04 | September-04 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQL |
|--|--------------|---------------|--------------|--------------|-------------|----------|------------|------------------|---------|
| norganics - Metals (Dissolved) ¹³ | | | | | | | | | |
| Muminum | 25.8 | 25.8 | 55.3 | 55.3 | 55.3 | 55.3 | 23.4 | | 200 |
| antimony | 3.7 | 3.7 | 6.9 | 7.1 | 5.9 | 3.9 | 5.8 | 60 | 60 |
| arsenic | 2.9 | 2.9 | 5.4 | 5.4 | 23.6 J | 5.4 | 3.8 | 20 | 10 |
| Barium | 44.6 | 28.3 | 29.3 | 26.6 | 28.3 | 29.6 | 32.1 | 1,000 | 200 |
| Beryllium | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 5 | 5 |
| Cadmium | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.1 | 5 | 5 |
| Calcium | 185,000 | 176,000 | 170,000 | 184,000 | 173,000 | 182,000 | 181,000 | | 5,000 |
| Chromium | 0.8 | 1.7 | 3.5 | 6.0 | 2.6 | 1.5 | 0.8 | 11 | 10 |
| Cobalt | 0.5 | 1.8 | 1.2 | 0.9 | 1.1 | 0.6 | 0.6 | | 50 |
| Copper | 3.4 | 1.2 | 2.2 | 1.2 | 1.2 | 1.2 | 0.7 | 25 | 25 |
| ron | 14 | 14 | 35.5 | 9.1 | 9.1 | 9.1 | 10.5 | 7,000 | 100 |
| ead | 1.5 | 1.5 | 2.4 | 2.4 | 2.4 | 2.4 UJ | 1.4 | 4.2 | 3 |
| fagnesium | 61,800 | 56,700 | 55,100 | 59,600 | 58,000 | 59,200 | 57,300 | 4.2 | 5,000 |
| fanganese | 292 | 1,170 J | 2,270 | 100 | 830 | 863 | 115 | | 15 |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 UJ | 0.1 | 0.2 | 0.2 |
| lickel | 5.2 | 7.8 | 10.7 | 2.8 | 9.4 | 5.1 | 0.4 | 96 | 40 |
| otassium | 12,300 | 12,900 | 17,500 | | | 10,200 | 10,100 | 90 | 5,000 |
| THE RESIDENCE OF THE PARTY OF T | | | | 20,400 J | 18,000 J | | | 0.5 | |
| elenium | 4.4 R 0.4 | 4.4 UJ 0.4 | 4.4 R 0.9 | 4.4 UJ | 4.4 | 4.4 R | 3.5 UJ | 8.5 | 5 10 |
| ilver | | | | 1.1 | 0.9 | 0.9 | 1.1 | 10 | |
| odium | 67,600 | 53,900 | 61,400 | 64,400 J | 56,200 | 45,000 | 46,300 | | 5,000 |
| hallium | 2.6 UJ | 2.6 | 6.3 UJ | 6.3 | 6.3 | 6.3 | 4.1 | 40 | 10 |
| Vanadium | 0.8 | 0.8 | 1.1 | 1.1 | 9.6 | 13.4 | 15.8 | | 50 |
| inc | 2.6 J | 0.6 | 0.7 | 0.7 | 0.7 | 5.1 | 7.5 | 86 | 20 |
| norganics - Metals and Cyanide Total) | | | | | | | | | |
| Aluminum | 18,700 J | 3,080 | 3,440 | 14,600 J | 15,100 J | 15,800 | 66,200 J | T T | |
| Antimony | 3.7 | 4.9 | 4.8 | 3.9 | 3.9 | 12.0 J | 33.4 | | |
| Arsenic | 10.8 | 2.9 | 5.4 | | | 5.4 | | | |
| | 95.9 | 37.1 | | 5.4 | 36.4 J | | 3.8 | 1 | |
| arium | 1.0 | 0.3 | 36.6 | 59.8 | 68.7 J | 66.6 | 174 | | |
| Seryllium Cadmium | 0.2 | 0.3 | 0.5 | 0.3 | 0.8 | 0.8 | 3.7 0.1 | | |
| | | 213,000 | 213,000 | | 0.3 | | | | |
| Calcium | 311,000 | | | 224,000 | 245,000 | 249,000 | 441,000 J | | |
| Chromium | 29.4 | 7 | 2.8 | 24.3 | 28.7 | 22.7 | 93.8 | - | |
| Cobalt | 23.1 | 5.4 | 6.3 | 13.6 | 17.2 | 18.3 | 63.9 | | |
| Copper | 16.3 | 11.3 | 7.4 | 14.9 J | 17.7 | 18.2 J | 66.4 J | | |
| Cyanide | 3.0 | 1.3 | 0.5 | 1.2 | 0.5 | 0.5 | 0.6 | 10 | 10 |
| ron | 42,900 | 7,520 | 8,940 | 34,500 | 38,600 J | 38,200 | 150,000 J | | |
| ead | 20.0 | 1.5 | 6.2 J | 14.4 J | 15.1 J | 11.0 J | 58.9 | | |
| Magnesium | 77,300 | 66,000 | 56,200 | 67,300 | 74,100 J | 71,100 | 105,000 J | | |
| fanganese | 2,390 | 1,650 | 2,840 | 1,460 | 2,530 | 2,550 | 4,290 J | | |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 UJ | 0.1 | | |
| lickel | 46.0 | 16.4 | 20.3 | 32.3 | 42.9 | 36.3 | 102 | | |
| otassium | 14,700 | 15,000 | 18,400 | 23,500 | 21,200 J | 14,500 | 21,000 | | |
| elenium | 4.4 UJ | 4.4 UJ | 4.4 UJ | 4.4 R | 5.1 J | 4.4 UJ | 3.5 R | ALL WALL | |
| ilver | 0.4 | 0.4 | 0.9 | 0.9 | 0.9 | 0.9 | 1.1 | | |
| odium | 68,300 | 59,800 | 58,200 | 63,100 | 56,300 | 49,600 | 46,300 J | | |
| hallium | 2.6 | 2.6 | 6.3 | 6.3 | 6.3 | 6.3 UJ | 4.1 UJ | | EU. LIE |
| anadium | 27.3 | 5.3 | 1.1 | 16.0 | 40.8 | 32.3 J | 89.3 J | | 100 |
| Zinc | 114 J | 13.6 J | 19.1 | 70.3 J | 83.1 J | 82.4 | 337 | | |
| Volatile Organic Compounds (VOCs) | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |
| | THE COLUMN | BRL | BRL | BRL | BRL | BRL | BRL | | |
| | BRL | DKL | DICE | Ditto | | | | | |
| Semi-Volatile Organic Compounds SVOCs) Bis (2-ethlyhexyl) phthalate | 10.0 U | 10.0 | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 49 | 10 |

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
 2) Standard Inorganic Data Qualifiers have been used.
 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
- Helow snading indicate a detection above the Contract Required Quantitation Limit.
 Bold red letters with a thick outline indicates a detection above the Trigger Level.
 BRL = Below Report Limit; reported data values have a data qualifier of U. J., or UJ.
 = No Sample Available (Well Dry)
 U = Not detected at the listed reporting limit.

- 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 9) UJ = A value less than the CRQL but greater than the MDL.

- 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.

 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

 12) CRQL = Contract Required Quantitation Limit

- 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



Sampling Event (All Results Expressed in Units of µg/l) **Quarterly Results** TRIGGER CRQL September-04 December-04 March-05 June-05 Compound November-03 March-04 May-04 Well is Dry Insufficient Volume Insufficient Volume Insufficient Volume Well is Dry Insufficient Volume Well is Dry Inorganics - Metals (Dissolved)¹³ Antimony 60 Arsenic 10 200 Barium Beryllium Cadmium Chromium 10 Copper 100 Lead Mercury Nickel 40 Selenium Silver 10 Thallium 10 Zinc Inorganics - Metals and Cyanide (Total) Antimony Arsenic Barium Beryllium Cadmium Chromium Copper Cyanide ron ead Mercury Nickel Selenium Silver Thallium BRL BRL Volatile Organic Compounds (VOCs) BRL BRL Semi-Volatile Organic Compounds BRI BRI (SVOCs) 25 10 4-Nitrophenol 10.0 U Bis (2-ethlyhexyl) phthalate 10.0 U Pesticides / PCBs

- All results expressed in micrograms per liter (μg/L).
 Standard Inorganic Data Qualifiers have been used.

- 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL) 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
- BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
 = No Sample Available (Well Dry)
 U = Not detected at the listed reporting limit.

- 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a 0.45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-50

| 1 | | | Sampling Ev | vent (All Results Ex | pressed in Units of p | | | 7 | |
|--|---------------|------------------|-------------|-----------------------|-----------------------|---------------|--------------------------------------|--|----------------|
| | | | | Quarterly Re | | | | | |
| Compound | November-03 | March-04 | May-04 | September-04 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQL |
| norganics - Metals (Dissolved) ¹³ | MARKET | | | | | | | | |
| Aluminum | 25.8 | 25.8 | 74.3 | 55.3 | 55.3 | 55.3 | 25.2 | THE SERVER OF | 200 |
| Antimony | 3.7 | 3.7 | 4.7 | 9.9 | 3.9 | 5.9 | 4.0 | 60 | 60 |
| Arsenic | 2.9 | 2.9 | 5.4 | 5.4 | 13.1 J | 5.4 | 6.8 | 20 | 10 |
| Barium | 40.0 | 35.8 | 50.9 | 56.3 | 38.4 | 40.2 | 53.1 | 1,000 | 200 |
| Beryllium | 0.1 | 0.1 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 5 | 5 |
| Cadmium | 0.2 | 0.1 | 1.2 | 0.3 | 0.3 | 0.3 | 0.1 | 5 | 5 |
| Calcium | 84,100 | 103,000 | 92,300 | 95,700 | 10,900 | 93,500 | 89,000 | | 5,000 |
| Chromium | 0.8 | 1.6 | 1.5 | 3.5 | 3.8 J | 1.5 | 5.4 | - 11 | 10 |
| Cobalt | 0.5 | 0.4 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | | 50 |
| Copper | 4.4 | 4.3 | 1.4 | 1.2 | 1.2 | 1.2 | 0.7 | 25 | 25 |
| ron | 14.1 | 14.1 | 36.5 | 9.1 | 9.1 | 9.1 | 10.5 | 7,000 | 100 |
| | 1.5 | 1.5 | 2.4 | 2.4 UJ | 2.4 UJ | 2.4 UJ | 1.4 UJ | 4.2 | 3 |
| Lead | | | | | | | | 4.2 | 5,000 |
| Magnesium | 23,400 3.8 | 29,700 30.0 J | 28,600 | 28,500 27.1 | 30,500 | 30,900 0.9 | 28,000 7.4 J | | 15 |
| Manganese | | | | | | 0.9 | 0.1 | 0.2 | 0.2 |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | The second laboratory and the second | 0.2 | |
| Nickel | 0.7 | 1 | 2.8 | 1.1 | 1.1 | 1.1 | 0.4 UJ | 96 | 40 |
| Potassium | 3,840 | 2,980 | 3,160 | 4,340 | 2,180 | 1,870 | 3,460 | | 5,000 |
| Selenium | 4.4 R | 4.4 R | 4.4 R | 4.4 R | 7.9 J | 4.4 R | 3.5 R | 8.5 | 5 |
| Silver | 0.4 | 0.4 | 0.9 | 1.3 | 1.0 | 0.9 | 1.1 | 10 | 10 |
| Sodium | 32,100 | 59,200 | 38,700 | 49,200 J | 45,800 | 90,000 | 53,000 | | 5,000 |
| Γhallium | 2.6 | 2.6 | 6.3 | 6.3 | 6.3 | 6.3 UJ | 4.1 | 40 | 10 |
| Vanadium | 0.8 | 2.2 | 1.1 | 4.0 | 7.8 | 9.5 | 11.5 | | 50 |
| Zinc | 0.6 UJ | 0.6 | 0.7 UJ | 0.7 | 0.7 | 3.7 | 8.3 | 86 | 20 |
| Inorganics - Metals and Cyanide | | | - 11 | To BE VIEW SALE O' XI | 97 - | | | | |
| (Total) | | | | | | | | | |
| Aluminum | 25.8 | 62,300 J | 100 | 55.3 | 55.3 | 55.3 | 46.2 | 100 | |
| Antimony | 3.7 | 7.3 J | 3.9 | 3.9 | 3.9 | 3.9 | 4.0 | | |
| Arsenic | 3.4 | 50.7 J | 5.4 | 5.4 | 18.2 | 5.4 | 7.2 | | |
| Barium | 41.3 | 499 J | 53 | 57.6 | 39.1 | 40,1 | 50.5 | | |
| Beryllium | 0.1 | 4.9 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | | |
| Cadmium | 0.2 | 5 | 0.9 | 0.3 | 0.3 | 0.3 | 0.1 | | |
| Calcium | 86,400 | 427,000 J | 93,500 | 93,400 | 106,000 | 92,900 | 85,200 | No. of the last | |
| Chromium | 0.8 | 72.6 J | 1.5 | 2.9 | 2.2 | 1.5 | 29.8 | P. Politic Chair | |
| Cobalt | 0.4 | 59.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | Section Company | |
| Copper | 4.4 | 131 J | 1.2 | 1.2 | 1.2 | 1,2 | 1.4 | | |
| Cyanide | 3.0 | 0.8 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 10 | 10 |
| Iron | 69.2 | 124,000 J | 102 | 9.1 | 34.2 | 15.0 | 132.0 | | 1, 1997 |
| Lead | 1.5 | 122 Ј | 2.4 | 2.4 | 2.4 UJ | 2.4 UJ | 1.4 UJ | | |
| Magnesium | 23,900 | 80,300 | 30,200 | 26,800 | 30,600 | 30,200 | 26,500 | | |
| Manganese | 5.8 | 5,690 | 8.1 | 43.3 | 4.5 | 1.2 | 10.4 J | | |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | |
| Nickel | 0.7 | 116 J | 1.1 | 1.1 | 1.1 | 1.1 | 0.4 UJ | | 130 173 |
| Potassium | 3,990 | 12,200 | 3,230 | 3,910 | 2,150 | 1,760 | 3,310 | | PYP= 1/2/17 |
| Selenium | 4.4 R | 4.4 R | 4.4 | 4.4 R | 4.4 UJ | 4.4 R | 3.5 R | | LOIS NO. |
| Silver | 0.4 | 0.4 | 0.9 | 0.9 | 0.9 | 0.9 | 1.1 | | |
| Sodium | 33,000 | 60,200 | 40,300 | 48,100 | 44,600 | 89,000 | 51,200 | The state of the s | |
| l'hallium | 2.6 | 2.6 | 6.3 | 6.3 | 7.4 J | 6.3 | 4.1 | THE PERSON NAMED IN | |
| Vanadium | 0.8 | 105 | 1.1 | 1.1 | 6.3 | 9.7 | 11.8 | | 100000 |
| Zinc | 1.3 J | 490 J | 0.7 UJ | 0.7 | 0.7 | 1.7 | 7.1 J | | No of the last |
| Volatile Organic Compounds (VOCs) | BRL. | BRL | BRL | BRL | BRL | BRL | BRL | | 12 17 13 |
| Acetone | | | | | | 2.2 R | 5.0 U | | 10 |
| ,2,4-Trichlorobenzene | | | | 0.026 J | 1.0 U | 1.0 U | 1.0 U | 77 | 10 |
| Chloroform | | | | 0.019 J | 1.0 U | 1.0 U | 0.14 J | 79 | 10 |
| Carbon Disulfide | Seme | | | | 0.53 J | 1.0 U | 1.0 U | 4-563000000000000000000000000000000000000 | |
| Semi-Volatile Organic Compounds SVOCs) | BRL | 10.0 U | BRL | BRL | BRL | BRL | BRL | | |
| Fluoranthene | | 0.84 Ј | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10 | 10 |
| Phenanthrene | | 0.84 J 0.79 J | 10.0 U | 10.0 U | 10.0 U | 10.0 U | | 10 | 10 |
| Pyrene | | 0.79 J 0.67 J | 10.0 U | 10.0 U | 10.0 U | | 10.0 U 10.0 U | 10 | 10 |
| Diethylphthalate | 2.17 J | 10.0 U | | | | 10.0 U | | | |
| лонуринавае | | | 10.0 U | 10.0 U | 10.0 U | 10.0 U | 10.0 U | | 10 |
| Pesticides / PCBs | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |

- Notes:

 1) All results expressed in micrograms per liter (µg/L).

 2) Standard Inorganic Data Qualifiers have been used.

 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)

 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.

 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ

 6) = No Sample Available (Well Dry)

 7) U = Not detected at the listed reporting limit.

 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.

 - 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.

 9) UI = A value less than the CRQL but greater than the MDL.

 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.

 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

 12) CRQL = Contract Required Quantitation Limit

 13) Samples analyzed for <u>Dissolved Inorganics</u> were field filtered using a .45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-51

| | | | Sampling Even | t (All Results Expr | essed in Units of p | ıg/l) | | | |
|---|---------------|--------------|---------------|---------------------|---------------------|------------|---------|---|--------------|
| | | | | Quarterly Resu | ılts | | | | |
| Compound | November-03 | March-04 | May-04 | September-04 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQL |
| Inorganics - Metals (Dissolved) ¹³ | | · | | | | | | | |
| Aluminum | 25.8 | 25.8 | 89.6 | 55.3 | 55.3 | 55.3 | 18.1 | | 200 |
| Antimony | 3.7 | 3.7 | 3.9 | 3.9 | 3.9 | 3.9 | 4.0 | 60 | 60 |
| Arsenic | 3.2 | 2.9 | 5.4 | 7.7 | 12.1 J | 5.4 | 8.7 | 20 | 10 |
| Barium | 42.2 | 35.8 | 46.2 | 51.0 | 39.1 | 41 | 48.6 | 1,000 | 200 |
| Beryllium | 0.1 | 0.1 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 5 | 5 |
| Cadmium | 0.2 | 0.1 | 1.2 | 0.3 | 0.3 | 0.3 | 0.1 | 5 | 5 |
| Calcium | 88,800 | 106,000 | 89,600 | 89,300 | 110,000 | 95,500 | 94,700 | | 5,000 |
| Chromium | 0.8 | 1.6 | 1.5 | 3.1 | 1.5 J | 1.5 | 12.7 | 11 | 10 |
| Cobalt | 0.4 | 0.4 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | | 50 |
| Copper | 5.1 | 4.3 | 1.2 | 1.2 | 1.2 | 1.2 | 0.7 | 25 | 25 |
| Iron | 14.1 | 14.1 | 41.5 | 9.1 | 9.1 | 9.1 | 35.3 | 7,000 | 100 |
| Lead | 1.5 | 1.5 | 2.4 | 2.4 | 2.4 UJ | 2.4 UJ | 1.4 UJ | 4.2 | 3 |
| Magnesium | 24,700 | 31,500 | 29,200 | 29,300 | 32,000 | 31,500 | 29,400 | | 5,000 |
| Manganese | 4.6 | 29.9 J | 4.3 | 2.6 | 5.6 | 1.3 | 4.8 J | | 15 |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 |
| Nickel | 0.7 | 1.0 | 2.5 | 1.1 | 1.1 | 1,1 | 0.4 UJ | 96 | 40 |
| Potassium | 3,910 | 2,160 | 3,010 | 3,960 | 2,160 | 1,800 | 3,060 | | 5,000 |
| Selenium | 4.4 R | 4.4 R | 4.4 R | 4.4 R | 4.4 UJ | 4.4 R | 3.5 R | 8.5 | 5 |
| Silver | 0.4 | 0.4 | 0.9 | 1.2 | 0.9 | 0,9 | 1.1 | 10 | 10 |
| Sodium | 34,000 | 60,200 | 41,100 | 49,200 J | 46,700 | 102,000 | 53,700 | | 5,000 |
| Thallium | 2.6 | 2.6 | 6.3 | 6.3 | 6.3 | 6.3 UJ | 4.1 | 40 | 10 |
| Vanadium | 0.8 | 2.4 | 1.1 | 1.1 | 7.0 | 9.5 | 13.2 | | 50 |
| Zinc | 0.6 UJ | 0.6 | 0.7 UJ | 0.7 | 0.7 | 2.5 | 9.3 | 86 | 20 |
| Inorganics - Metals and Cyanide | | | | | | | | | |
| (Total) | 250 | 0.050 | | 1 | | | | | |
| Aluminum | 25,8 | 9,250 J | 55.3 | 55.3 | 55.3 | 55.3 | 43.6 | - | |
| Antimony | 3.7 | 7.3 J | 4.6 | 6.7 | 3.9 | 3,9 | 4.0 | | |
| Arsenic | 2.9 | 50.7 J | 5.4 | 5.4 | 19.4 | 5.4 | 9.1 | | |
| Barium | 42.6 | 499 J | 48.9 | 50.7 | 39.7 | 40.0 | 50.4 | | |
| Beryllium | 0.1 | 4.9 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | | |
| Cadmium | 0.2 | 5 | 0.7 | 0.3 | 0.3 | 0.3 | 0.1 | 100000000000000000000000000000000000000 | i cu ca ca |
| Calcium | 86,700 | 153,000 J | 89,900 | 89,400 | 110,000 | 90,500 | 95,300 | | |
| Chromium | 0.8 | 72.6 J | 1.5 | 2.6 | 1.7 | 1.5 | 7.6 | | |
| Cobalt Copper | 0.4 3.2 | 7.8 131 J | 0.6 | 0.6 | 0.6 | 0.6 1.2 | 0.6 | | |
| Cyanide | 3.0 | 0.8 | 0.5 | 0.5 | 0.5 | 0.6 | 0.7 | 10 | 10 |
| Iron | 83.8 | 124000 J | 63.6 | 82.8 | 39.0 | 28.6 | 27.9 U | 10 | 10 |
| Lead | 1.5 | 122 J | 2.4 | 2.4 | 2.4 UJ | 2.4 UJ | 1.4 UJ | | |
| Magnesium | 23,900 | 38,900 J | 26,900 | 27,300 | 32,500 | 29,800 | 30,600 | | |
| Manganese | 6.5 | 685 J | 7.1 | 12.2 | 6.7 | 2.4 | 5.4 J | | |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.100 | 0.1 | 0.1 | | |
| Nickel | 0.7 | 116 J | 1.3 | 1.1 | 1.100 | 1,1 | 0.4 UJ | | |
| Potassium | 3,820 | 4,470 | 2,870 | 3,890 | 2,130 | 1,760.0 | 3,080 | | |
| Selenium | 4.4 R | 4.4 R | 4.4 | 4.4 R | 4.6 J | 4.4 R | 3.5 R | | |
| Silver | 0.4 | 0.4 | 0.9 | 1.1 | 0.9 | 0.9 | 1.1 | 10 7 4 3 6 | |
| Sodium | 32,800 | 61,800 | 40,900 | 49,400 | 44,900 | 100,000 | 56,100 | | |
| Thallium | 2.6 | 2.6 | 6.3 | 6.3 | 6.3 UJ | 6.3 | 4.1 | 1001 | |
| Vanadium | 0.8 | 18.7 J | 1.1 | 1.1 | 6.8 | 9.2 | 12.9 | | |
| Zinc | 0.6 UJ | 490 J | 0.7 UJ | 0.7 | 0.7 | 2.4 | 4.8 J | 1000 | |
| Volatile Organic Compounds (VOCs) | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |
| Acetone | ATTACH TO THE | | | | 5.0 R | 5.0 R | 5.0 R | 7/25/11/11 | |
| Semi-Volatile Organic Compounds (SVOCs) | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | 10/22 C PROF |
| Pesticides / PCBs | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |

- 1) All results expressed in micrograms per liter ($\mu g/L$). 2) Standard Inorganic Data Qualifiers have been used.
- 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
- 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ

- 6) = No Sample Available (Well Dry)
 7) U = Not detected at the listed reporting limit.
 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
- 9) UJ = A value less than the CRQL but greater than the MDL. 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
- 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

 12) CRQL = Contract Required Quantitation Limit

 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a .45 micron, gravity flow filter.

- 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



Groundwater Analysis Summary Table for Creek Surface Water Sample Location SW-52

Sampling Event (All Results Expressed in Units of $\mu g/l$)

| | Quarterly Results | | | | | | |] | |
|--|-------------------|----------------|----------------|----------------|--|--|----------------|---|---------|
| Compound | November-03 | March-04 | May-04 | September-04 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQL |
| norganics - Metals (Dissolved) ¹³ | 15.7 | | | | 4.40-71 | | | | |
| Aluminum | 25.8 | 25.8 | 81.9 | 55.3 | 55.3 | 55.3 | 30.0 | TOTAL SECTION | 200 |
| Antimony | 3.7 | 3.7 | 5.5 | 8.8 | 3.9 | 3.9 | 4.0 | 60 | 60 |
| Arsenic | 2.9 | 2.9 | 5.4 | 5.4 | 20.1 J | 10.0 J | 3.8 | 20 | 10 |
| Barium | 40.7 | 36.7 | 50.7 | 54.3 | 40.4 | 42.2 | 48.2 | 1,000 | 200 |
| Beryllium | 0.1 | 0.1 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 5 | 5 |
| Cadmium | 0.2 | 0.2 | 1.1 | 0.3 | 0.3 | 0.3 | 0.1 | 5 | 5 |
| Calcium | 86,000 | 107,000 | 92,700 | 96,400 | 112,000 | 97,600 | 94,500 | | 5,000 |
| Chromium | 0.8 | 1.7 | 1.5 | 3.0 | 1.6 J | 1.5 | 0.8 | 11 | 10 |
| Cobalt | 0.4 | 0.4 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 53455342556 | 50 |
| Copper | 3.7 | 3 | 1.5 | 1.2 | 1.2 | 1.2 | 0.7 | 25 | 25 |
| Iron | 14.1 | 14.1 | 52.3 | 9.1 | 9.1 | 9.1 | 10.5 | 7,000 | 100 |
| Lead | 1.5 | 1.5 | 2.4 UJ | 2.4 | 2.4 UJ | 2.4 UJ | 1.4 UJ | 4.2 | 3 |
| Magnesium | 23,500 | 30,700 | 29,200 | 27,300 | 32,100 | 31,500 | 26,100 | 100000000000000000000000000000000000000 | 5,000 |
| Manganese | 5.0 | 1.5 J | 5.1 | 24.0 | 5.0 | 1.3 | 3.9 J | | 15 |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 |
| Nickel | 0.7 | 2.4 | 2.1 | 1.1 | 1.1 | 1.1 | 0.4 UJ | 96 | 40 |
| Potassium | 3,720 | 1,900 | 3,260 | 3,600 | 2,100 | 1,660 | 3,510 | 70 | 5,000 |
| Selenium | 3,720 4.4 R | 1,900 4.4 R | 3,200 4.4 R | 3,600 4.4 R | 4.4 UJ | 4.4 R | 3,510 3.5 R | 8.5 | 5 |
| Silver | 0.4 | 0.4 | 0.9 | 1.5 | 0.9 | 0.9 | 1.1 | 10 | 10 |
| Sodium | 32,900 | 61,400 | 39,400 | 49,600 J | 49,700 | 88,900 | 54,900 | 10 | 5,000 |
| Thallium | 2.6 | 2.6 | 6.3 | 6.3 | 6.3 | 6.3 UJ | 4.1 | 40 | 10 |
| Vanadium | 0.8 | 1.9 | 1.1 | 1.1 | 8.0 | 9.8 | 10.9 | 40 | 50 |
| Zinc | | 3.4 | | 0.7 | The second secon | | 8.9 | 86 | 20 |
| | 1.5 J | 3.4 | 0.7 UJ | 0.7 | 0.7 | 3.6 | 8.9 | 86 | 20 |
| Inorganics - Metals and Cyanide (Total) | | | | | | | | | |
| Aluminum | 25.8 | 26.8 J | 100 | 55.3 | 55.3 | 55.3 | 97.2 | | |
| | | | | | The second secon | The same of the sa | | | |
| Antimony | 3.7 | 3.7 UJ | 3.9 | 3.9 | 4.6 | 3.9 | 4.0 | 1 | |
| Arsenic | 2.9 | 11.1 J | 5,4 | 5.4 | 20.1 | 9.8 J | 3.9 | - | |
| Barium | 41.2 | 112 J | 51.6 | 53.3 | 42.3 | 39.9 | 49.5 | | |
| Beryllium | 0.1 | 0.7 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | | |
| Cadmium | 0.2 | 0.5 | 1.1 | 0.3 | 0.3 | 0.3 | 0.1 | | |
| Calcium | 84,800 | 108,000 J | 98,900 | 98,000 | 10,900 | 90,100 | 89,800 | | |
| Chromium | 0.8 | 12.7 J | 1.5 | 3.0 | 1.9 | 1.5 | 5.1 | | |
| Cobalt | 0.4 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | | |
| Copper | 3.3 | 22 J | 1.2 | 1.2 | 1.2 | 1.2 | 0.7 | | |
| Cyanide | 3.0 | 0.6 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 10 | 10 |
| Iron | 79.6 | 17800 J | 81.7 | 88.8 | 55.9 | 24.2 | 38.3 U | | |
| Lead | 1.5 | 17.3 J | 2.4 | 2.4 | 2.4 UJ | 2.4 UJ | 1.4 UJ | | |
| Mangesium | 23,300 | 31,100 J | 29,700 | 26,200 | 31,100 | 28,700 | 25,600 | | |
| Manganese | 6.8 | 3.2 J | 9.8 | 28.1 | 7.3 | 1.5 | 7.6 J | | |
| Mercury | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | |
| Nickel | 0.7 | 16.4 J | 1.4 | 1.1 | 1.1 | 1.1 | 0.4 UJ | | |
| Potassium | 3,710 | 1,900 | 2,940 | 3,700 | 2,210 | 1,580 | 3,400 | | |
| Selenium | 4.4 R | 4.4 R | 4.4 | 4.4 R | 4.4 UJ | 4.4 R | 3.5 R | | F1-11 |
| Silver | 0.4 | 0.4 | 0.9 | 1.2 | 0.9 | 0.9 | 1.1 | | |
| Sodium | 32,800 | 61,200 | 40,000 | 51,100 | 50,300 | 85,600 | 52,800 | | 11978 E |
| Thallium | 2.6 | 2.6 | 10.2 J | 6.3 | 6.3 UJ | 6.3 | 4.1 | | |
| Vanadium | 0.8 | 2.0 2.2 J | | | | 9.9 | | | |
| Vanadium Zinc | 0.8 0.6 UJ | 52.9 J | 1.1 0.7 UJ | 1.1 0.7 | 6.9 | 0.7 | 10.9 | | |
| Volatile Organic Compounds (VOCs) | BRL | BRL | BRL | BRL | 0.7 BRL | BRL | 5.6 BRL | | |
| Semi-Volatile Organic Compounds (SVOCs) | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |
| Pesticides / PCBs | BRL | BRL | BRL | BRL | BRL | BRL | BRL | | |

Notes:

- 1) All results expressed in micrograms per liter (µg/L).
- 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
 6) = No Sample Available (Well Dry)
 7) U = Not detected at the listed reporting limit.

- 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 9) UJ = A value less than the CRQL but greater than the MDL.
 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.

- 11) R = The sample was positively identified, the associated intifiercal value is the approximate concentration of analyte in the sample.

 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

 12) CRQL = Contract Required Quantitation Limit

 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a .45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-1

| | | | Sam | pling Event (All Result | s Expressed in Units of µ | ıg/l) | | | |
|---|-----------------|-----------------|-----------------|-------------------------|---------------------------|-----------------|---------------------------|------------------|------|
| | | | | Quarter | ly Results | | | | |
| Compound | November-03 | March-04 | May-04 | September-04 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQL |
| Inorganics - Metals (Dissolved) ¹³ | Location is Dry | Location is Dry | Location is Dry | Location is Dry | Location is Dry | Location is Dry | Location is Dry | | |
| Antimony | | _ | | - 2000 | | | | 60 | 60 |
| Arsenic | _ | | _ | | - | _ | _ | 10 | 10 |
| Barium | _ | _ | | | | | | 1,000 | 200 |
| Beryllium | _ | _ | _ | | _ | | | 5 | 5 |
| Cadmium | _ | | | | _ | | _ | 5 | 5 |
| Chromium | _ | _ | _ | | _ | _ | _ | 11 | 10 |
| Copper | _ | | | - - | | | - | 25 | 25 |
| Iron | - | | - | _ | | _ | - | 5,000 | 100 |
| Lead | | | | | | | | 4.2 | 0.2 |
| Mercury | _ | | _ | | _ | | | 0.2 | |
| Nickel | _ | _ | | _ | S(38.55 - | | _ | 96 | 40 |
| Selenium | T | | | | _ | _ | _ | 5 | 5 |
| Silver | _ | | _ | _ | _ | | | 10 | 10 |
| Thallium | _ | | | | | | | 40 | 10 |
| Zinc | _ | | | _ | _ | _ | - 100 | 86 | 20 |
| Inorganics - Metals and Cyanide (Total) | | | | | | | | | |
| Antimony | _ | | | | _ | | _ | | |
| Arsenic | _ | | | _ | | _ | _ | | |
| Barium | | | | | | | _ | | |
| Beryllium | | _ | | | | | | | |
| Cadmium | | | | | | | | | |
| Chromium | _ | | | | | | | | |
| Copper | | | | | _ | | | | |
| Cyanide | | _ | _ | | _ | | _ | 10 | 10 |
| Iron | 7.7 | _ | _ | _ | _ | _ | _ | | |
| Lead | _ | _ | _ | | | _ | _ | | |
| Mercury | | | _ | | _ | | | | |
| Nickel | _ | _ | _ | _ | _ | _ | _ | | |
| Selenium | | _ | _ | _ | _ | _ | _ | | |
| Silver | | | | | | | | | |
| Thallium | | | | _ | | | | 70000 | |
| Zinc | _ | | | | | | | 11.00 | |
| Volatile Organic Compounds (VOCs) | _ | _ | _ | _ | _ | _ | Service Value of Contract | | |
| Semi-Volatile Organic Compounds (SVOCs) | _ | _ | _ | _ | _ | _ | _ | | |
| Pesticides / PCBs | _ | _ | _ | - | | _ | | | |

- lotes:

 1) All results expressed in micrograms per liter (µg/L).
 2) Standard Inorganic Data Qualifiers have been used.
 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
 5) BRL. = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
 6) = No Sample Available (Location is Dry)
 7) U = Not detected at the listed reporting limit.
 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 9) UJ = A value less than the CRQL but greater than the MDL.
 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
 12) CRQL = Contract Required Quantitation Limit
 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a .45 micron, gravity flow filter.
 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.

Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-2

| | | Sar | mpling Event (A | ll Results Expres | sed in Units of μ | g/l) | | | |
|--|--|-----------------|-----------------|-------------------|--|-----------------|-----------------|---|-------------|
| | Quarterly Results | | | | | | | | |
| Compound | November-03 | March-04 | May-05 | September-04 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQL |
| norganics - Metals (Dissolved) ¹³ | Location is Dry | Location is Dry | Location is Dry | Location is Dry | | Location is Dry | Location is Dry | | |
| luminum | _ | _ | | | 55.3 | _ | _ | | 200 |
| ntimony | _ | _ | _ | _ | 3.9 | _ | _ | 60 | 60 |
| arsenic | _ | _ | _ | _ | 37.4 | _ | | 20 | 10 |
| Barium | _ | _ | _ | | 9.5 | _ | _ 3/8 | 1,000 | 200 |
| Beryllium | _ | _ | _ | _ | 0.2 | _ | | 5 | 5 |
| Cadmium | _ | - | _ | | 0.3 | _ | _ | 5 | 5 |
| Calcium | The state of the s | _ | _ | | 202,000 J | | | | 5,000 |
| Chromium | | _ | _ | _ | 2.8 | _ | - | 11 | 10 |
| Cobalt | _ | _ | _ | _ | 0.6 | _ | _ | | 50 |
| Copper | _ | _ | _ | _ | 1.2 | _ | | 25 | 25 |
| ron | _ | _ | _ | _ | 14.3 | _ | _ | 7,000 | 100 |
| ead | _ | _ | _ | | 2.4 | _ | _ | 4.2 | 3 |
| Magnesium | _ | _ | _ | _ | 66,900 | _ | _ | | 5,000 |
| /Anganese | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | _ | | | 0.6 | _ | _ | | 15 |
| Mercury | DC // | _ | 19 2 30 51 | 891-8-1-1-1 | 0.1 UJ | _ | | 0.2 | 0.2 |
| lickel | _ | _ | _ | | 3.5 | _ | _ | 96 | 40 |
| otassium | _ | | | | 3,970 | | | 70 | 5,000 |
| elenium | | | | | 4.4 | | | 8.5 | 5 |
| | | _ | _ | | | | | | 10 |
| ilver | _ | | | | 0.9 | | | 10 | |
| odium | _ | | _ | | 6,580 | _ | | | 5,000 |
| hallium | | | | | 6.3 | _ | | 40 | 10 |
| /anadium | | | | | 7.6 | _ | | | 50 |
| Zinc | _ | | | | 0.7 | | _ | 86 | 20 |
| Inorganics - Metals and Cyanide Total) | | | | | | | | | |
| Aluminum | _ | _ | _ | _ | 55.3 | _ | _ | | |
| | _ | _ | | _ | 3.9 | _ | | | |
| Antimony | | | | | STATE OF THE PARTY | | | | |
| Arsenic | | | | | 38.7 9.9 | | | | |
| Barium | _ | | | _ | | - | _ | | |
| Beryllium Cadmium | _ | | | == | 0.2 | | _ | | _ |
| | | | | | | _ | | | |
| Calcium | _ | | | _ | 209,000 J | | _ | | |
| Chromium | | | _ | | 2.8 | | | | |
| Cobalt | | | | | 0.6 | _ | | | |
| Copper | - | | _ | _ | 1.2 | | - | 40 | - 10 |
| Cyanide | | | | | 0.6 | _ | | 10 | 10 |
| ron | | | _ | | 31.3 | - | | | |
| ead | | | _ | | 2.4 | | | | |
| Magnesium | | | | _ | 67,900 | _ | | N 10 20 20 20 20 20 20 20 20 20 20 20 20 20 | |
| Manganese | _ | | _ | | 2.8 | | — A = A1 | | |
| Mercury | | | | _ | 0.1 UJ | _ | - | | |
| Vickel | | | | _ | 1.1 | | | 2.23 | |
| Potassium | | | _ | | 4,010 | _ | | 112 | |
| elenium | | _ | _ | | 4.4 | _ | | | |
| ilver | | | | | 0.9 | | | | |
| odium | | _ | _ | | 5,360 | _ | | | |
| hallium | | | | | 6.3 | | | | Maria Maria |
| /anadium | | | | | 6.7 | | | | |
| Zinc | | | | _ | 0.7 | | _ | | 1 - 4 May 2 |
| Volatile Organic Compounds (VOCs) | _ | _ | _ | _ | BRL | _ | _ | | |
| Semi-Volatile Organic Compounds (SVOCs) | - | _ | _ | _ | BRL | _ | _ | | |
| | | | | | | | | | |

Notes:

- All results expressed in micrograms per liter (μg/L).
- 2) Standard Inorganic Data Qualifiers have been used.
- 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
- 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ
- 6) = No Sample Available (Location is Dry)
 7) U = Not detected at the listed reporting limit.
 8) B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
- 9) UJ = A value less than the CRQL but greater than the MDL.
- 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.

 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

 12) CRQL = Contract Required Quantitation Limit
- 13) Samples analyzed for Dissolved Inorganics were field filtered using a .45 micron, gravity flow filter.
- 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.



Groundwater Analysis Summary Table for Outfall Surface Water Run Off Location SWD-3

Sampling Event (All Results Expressed in Units of µg/l)

| | Quarterly Results | | | | | | | 1 | |
|---|-------------------|----------------|-----------------|-----------------|--------------|--------------|-----------------|-------------------------|----------|
| Compound | November-03 | March-04 | May-04 | September-04 | December-04 | March-05 | June-05 | TRIGGER LEVEL | CRQL |
| Inorganics - Metals (Dissolved) ¹³ | | | | Location is Dry | | | Location is Dry | | |
| Aluminum | 98.7 | 34.6 | 55.3 | | 55.3 U | 65.5 | _ | Constitution of the | 200 |
| Antimony | 3.7 | 3.7 | 3.9 | | 3.9 | 25.0 | _ | 60 | 60 |
| Arsenic | 2.9 | 5.3 | 5.4 | _ | 30.2 | 5.4 | _ | 20 | 10 |
| Barium | 40.1 | 29.8 | 32.7 | _ | 31.1 | 24.4 | _ | 1,000 | 200 |
| Beryllium | 0.1 | 0.2 | 0.2 | | 0.2 | 0.2 | _ | 5 | 5 |
| Cadmium | 0.2 | 0.2 | 0.3 | | 0.3 | 0.3 | - | 5 | 5 |
| Calcium | 130,000 | 125,000 | 107,000 | _ | 131,000 J | 93,300 | _ | | 5,000 |
| Chromium | 1.4 | 0.8 | 1.5 | | 2.2 | 1.7 | | 11 | 10 |
| Cobalt | 0.4 | 0.4 | 0.6 | _ | 0.9 | 0.6 | | | 50 |
| Copper | 10.4 | 4.6 J | 1.2 | | 2.8 | 1.2 | - 38 | 25 | 25 |
| Iron | 59.0 | 17.2 | 22.2 | _ | 17.8 | 17.3 | _ | 7,000 | 100 |
| Lead | 1.5 | 1.5 | 2.4 | - | 2.4 | 2.4 UJ | - | 4.2 | 3 |
| Magnesium | 28,500 | 30,400 | 27,800 | | 26,100 | 21,400 | | | 5,000 |
| Manganese | 10.9 | 3.0 | 77.2 | | 4.3 | 20.5 | - | | 15 |
| Mercury | 0.1 UJ | 0.1 | 0.1 | _ | 0.1 UJ | 0.1 | _ | 0.2 | 0.2 |
| Nickel | 0.7 | 1.4 | 1.2 | | 2.1 | 1.1 | - | 96 | 40 |
| Potassium | 3,870 | 3,570 | 4,200 | - | 3,390 | 3,660 | | | 5,000 |
| Selenium | 4.4 | 4.4 UJ | 4.4 R | | 4.4 | 4.4 UJ | - | 8.5 | 5 |
| Silver | 0.4 | 0.4 | 0.9 | 10 July 1 J | 0.9 | 0.9 | _ | 10 | 10 |
| Sodium | 11,100 | 12,200 | 14,800 | _ | 10,300 | 8,870 | | 40 | 5,000 |
| Thallium | 2.6 | 2.6 | 6.3 | | 6.3 | 6.3 | | 40 | 10 50 |
| Vanadium | 2.2 | 0.8 | 1.1 | | 27.0 | 10.0 0.7 | | 86 | 20 |
| Zinc | 91.6 J | 0.0 | 0.7 | | 27.0 | 0.7 | - | 80 | 20 |
| Inorganics - Metals and Cyanide (Total |) | | | | | | | | |
| Aluminum | 177 | 1,800 | 199 | 2 - 100 E C A A | 55.3 | 560 | _ | | -111 |
| Antimony | 3.7 | 5.2 | 3.9 | _ | 3.9 | 3.9 | _ | | |
| Arsenic | 2.9 | 2.9 | 5.4 | _ | 25.5 | 5.4 | _ | | |
| Barium | 37.0 | 40 | 33.1 | _ | 32.8 | 29.5 | _ | | |
| eryllium | 0.1 | 0.2 | 0.2 | _ | 0.2 | 0.2 | | | |
| Cadmium | 0.2 | 0.2 | 0.3 | | 0.3 | 0.3 | _ | | |
| Calcium | 12,100 | 131,000 | 108,000 | | 135,000 J | 104,000 | _ | | No. |
| Chromium | 1.0 | 1.4 | 1.5 | _ | 1.5 | 1.5 | - | | |
| Cobalt | 0.4 | 1.5 | 0.6 | _ | 0.6 | 0.6 | | CONTRACTOR OF THE PARTY | |
| Copper | 14.8 | 11 J | 1.2 | _ | 7.8 | 1.2 | _ | 174 ALC: 688 | |
| Cyanide | 3.0 | 0.8 | 0.8 | _ | 0.5 | 0.8 | | 10 | 10 |
| Iron | 155 | 2200 | 258 | | 67.8 | 814 | _ | | |
| Lead | 1.5 | 1.5 | 2.4 | | 2.4 | 2.4 UJ | _ | | |
| Magnesium | 26,600 16.5 | 31,600 87.5 | 28,700 | | 27,400 | 23,900 | | | |
| Manganese | 1 | | 87.9 | | 3.2 | 42.6 | | 1 2 2 2 | |
| Mercury | 0.1 UJ | 0.1 | 0.1 | | 0.1 UJ | 0.1 | | | |
| Nickel Potassium | 3,560 | 2.5 4,170 | 1.2 | _ | 1.1 | 1.1 | _ | | |
| Potassium Selenium | 3,500 | 4,170 4.4 R | 4,100 4.4 UJ | | 3,450 4.4 | 4,020 4.4 | | | |
| Silver | 0.4 | 0.4 | 0.9 | | 0.9 | 0.9 | | | - |
| Sodium | 10,300 | 12,600 | 14,100 | | 10,400 | 9,320 | | | 100 |
| Thallium | 2.6 | 2.6 | 6.3 | _ | 6.3 | 6.3 | | | |
| Vanadium | 0.8 | 2.2 | 1.1 | | 4.7 | 10.4 | _ | | |
| Zinc | 32.6 J | 14.6 | 1.3 | _ | 7.3 | 0.7 | _ | | |
| Volatile Organic Compounds (VOCs) | BRL | BRL | BRL | i - | BRL | BRL | - 1 | HOLDERSON | |
| Semi-Volatile Organic Compounds (SVOCs) | BRL | BRL | BRL | _ | BRL | BRL | _ | | |
| Acenaphthene | | | | | | 0.911 J | | 520 | 10 |
| Fluorene Phenanthrene | | | - | | - | 0.503 J | | 10 | 10 |
| | | | | | | 1.02 J | - | 10 | 10 |
| Pesticides / PCBs | BRL | BRL | BRL | _ | BRL | BRL | _ | BRL | |

- 1) All results expressed in micrograms per liter ($\mu g/L$). 2) Standard Inorganic Data Qualifiers have been used.
- 3) Yellow shading indicate a detection above the Contract Required Quantitation Limit (CRQL)
 4) Bold red letters with a thick outline indicates a detection above the Trigger Level.
 5) BRL = Below Report Limit; reported data values have a data qualifier of U. J, or UJ

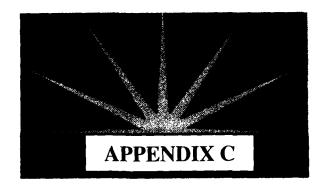
- 6) = No Sample Available (Location is Dry) 7) U = Not detected at the listed reporting limit.

- | 8| B = An estimated value above the method detection limit (MDL) or the instrument detection limit (IDL) but below the CRQL.
 | 9| UI = A value less than the CRQL but greater than the MDL.
 | 10) J = The analyte was positively identified; the associated numerical value is the approximate concentration of analyte in the sample.
 | 11) R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.
 | 12) CRQL = Contract Required Quantitation Limit

- 13) Samples analyzed for <u>Dissolved</u> Inorganics were field filtered using a .45 micron, gravity flow filter.

 14) Detailed summary tables which list report limits and qualified data values for each compound analyzed for by the laboratory as well as qualified laboratory reports are available upon request.





LABORATORY DATA VALIDATION REPORT



DATA VALIDATION REPORT

FOR

SKINNER LANDFILL SITE

EARTH TECH: PROJECT NUMBER 54280

LABORATORY REPORT NUMBER 205061509

PROJECT MANAGER: Ron Rolker

Date: September 7, 2005

Data Validator: Mark Kromis

LIST OF ACRONYMS

BFB Bromofluorobenzene CC Continuing Calibration

CCV Continuing Calibration Verification
CCB Continuing Calibration Blanks
CLP Contract Laboratory Program
CRDL Contract Required Detection Limit
DFTPP Decafluorotriphenylphosphine

GC/MS Gas Chromatograph/Mass Spectrometer

IC Initial Calibration

ICB Initial Calibration Blank
IDL Instrument Detection Limit
ICP Inductively Coupled Plasma
ICS Interference Check Sample
ICV Initial Calibration Verification

ILM Inorganic Analysis Multi-Media Multi-Concentration

INDAM Individual A Mixture INDBM Individual B Mixture mg/L milligrams per liter

MS/MSD Matrix Spike Matrix Spike Duplicate
OLC Organic Analysis Low Concentration

OLM Organic Analysis Multi-Media Multi-Concentration

%D Percent Difference

% RSD Percent Relative Standard Deviation

PB Preparation Blanks
QC Quality Control
RF Response Factor

RPD Relative Percent Difference
RRF Relative Response Factor
SDG Sample Delivery Group
SOW Statement of Work

µg/L micrograms per liter

US EPA United States Environmental Protection Agency

VOC Volatile Organic Compounds
VTSR Validated Time of Sample Receipt

Case Narrative

The data validator contacted GACL because of several discrepancies that were discovered during the data validation process. The discrepancies noted are as follows:

- 1. There was no documentation for the Volatiles Continuing Calibration (CC) dated 6/23/05.
- 2. There were two GCAL ID numbers listed on page five of the data package submittal that had two different Earth Tech ID numbers.
- 3. There was no indication of why GCAL ID numbers 20, 26, 37, and 38 were not listed on page five of the data package submittal.

GCAL comments are provided below:

GCAL provided the Volatiles CC dated 6/23/05 (addition of page 163A through 163I).

The duplication of GCAL ID 20506150930 was a mistake made in log-in when the samples had to be re-logged for re-extraction. The re-extracted sample has been given a new number of 20506150942 and the package corrected to reflect the new number.

Several samples were not included in the report sample summary. Samples 20, 26, and 37 were all associated with sample SKGW66-1014. Sample 20 was the parent sample, 26 was the dissolved metals prep, and 37 was the re-extract of sample 20 for pesticides. To report both a sample and the re-extract, the sample originally logged into the LIMS should be given a new GCAL ID number with a new client ID of "Client ID-RE". On June 23, 2005 Pat Higgins, in an e-mail, requested that Dana revise the chain of custody to delete sample SKGW66-1014. Sample 38 (SKGW60-1014) was scheduled for re-extraction and then cancelled because there was not enough sample to re-extract. There was also insufficient sample left for the re-extraction of SKGW06R-1014.

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DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205061509 INORGANICS

Validation of the inorganics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2005, was conducted by Earth Tech using the National Functional Guidelines for Inorganic Data Review, (US EPA, February, 1994), as appropriate. The results were reported by GCAL under Sample Delivery Group (SDG) 205061509.

| GCAL# | Sample Description |
|-------------|------------------------|
| 20506150901 | SKGW06R-1014 |
| 20506150902 | SKGW07R-1014 |
| 20506150904 | SKGW06R-1014 (DISS) |
| 20506150905 | SKGW07R-1014 (DISS) |
| 20506150907 | SKGW59-1014 |
| 20506150908 | SKGW59-1014 DUP |
| 20506150909 | SKGW61-1014 |
| 20506150910 | SKGW64-1014 |
| 20506150911 | SKGW63-1014 |
| 20506150912 | SKGW62A-1014 |
| 20506150914 | SKGW59-1014 (DISS) |
| 20506150915 | SKGW59-1014 (DISS) DUP |
| 20506150916 | SKGW61-1014 (DISS) |
| 20506150917 | SKGW64-1014 (DISS) |
| 20506150918 | SKGW63-1014 (DISS) |
| 20506150919 | SKGW62A-1014 (DISS) |
| 20506150921 | SKGW60-1014 |
| 20506150922 | SKGW58-1014 |
| 20506150923 | SKGW58-1014 MS |
| 20506150925 | SKGW58-1014 DUP |
| 20506150927 | SKGW60-1014 (DISS) |
| 20506150928 | SKGW58-1014 (DISS) |
| 20506150929 | SKGW58-1014 MS (DISS) |
| 20506150930 | SKGW58-1014 DUP (DISS) |

INTRODUCTION

Analysis Multi-media Multi-concentration ILM04.1 Statement of Work (SOW). Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values maybe used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the inorganics data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. Calibration
 - A. Initial Calibration (IC)
 - B. Continuing Calibration (CC)
- 3. Blanks
- 4. Inductively Coupled Plasma (ICP) Interference Check Sample
- 5. Laboratory Control Sample (LCS)
- 6. Duplicate Analysis
- 7. Spike Sample Analysis
- 8. ICP Serial Dilution
- 9. System Performance

- 10. Documentation
- 11. Overall Assessment

1. HOLDING TIMES

All samples for inorganics analyses were analyzed within the 180-day holding time for preserved aqueous samples. Mercury analyses were conducted within the 28-day holding time for aqueous samples undergoing CLP protocol. Cyanide analyses were conducted within the 14-day holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. CALIBRATION

A. Initial Calibration

The percent recoveries for the Initial Calibration Verification (ICV) standard were within Quality Control (QC) limits for all constituents.

B. Continuing Calibration

The percent recoveries for the Continuing Calibration Verification (CCV) standard were within QC limits for all constituents.

3. BLANKS

The Initial Calibration Blank (ICB), Continuing Calibration Blanks (CCB) and Preparation Blanks (PB) were analyzed at the appropriate frequencies. No constituents were detected in the ICB, CCB, and PB blanks above the corresponding Contract Required Detection Limit (CRDL) with the exception of Selenium in the ICB and CCB#5 and Iron in the PB for the run dated 6/30/05. As per the National Functional Guidelines; sample results greater than the IDL but less than 5 times the amount found in any blank should be qualified as (U). If any analyte concentration in the PB is above the CRDL, the lowest concentration of that analyte in the associated samples must be 10 times the PB concentration. Otherwise, all samples associated with that blank should have been redigested and reanalyzed. Technically the samples should have been re-digested and re-analyzed for Selenium and Iron.

4. **ICP INTERFERENCE CHECK SAMPLE**

Results for the ICP analysis of the Interference Check Sample (ICS) solution AB were within 20% of the true value.

5. LABORATORY CONTROL SAMPLES

Recoveries were within the control limit (80-120%) for all constituents.

6. DUPLICATE ANALYSIS

The laboratory used sample SKGW58-1014 (total and dissolved fractions) for the duplicate sample. The Relative Percent Difference (RPD) between the sample and duplicate results for the total and dissolved fractions were within the acceptance criteria (<20%) for all target analytes.

7. SPIKE SAMPLE ANALYSIS

The laboratory used sample SKGW58-1014 (total and dissolved) for the matrix spike sample. The MS percent recoveries were within the acceptance criteria (75%-125%) with the exception of Selenium (0%) and Thallium (64%) in the total fraction. The MS percent recoveries were within the acceptance criteria (75%-125%) with the exception of Arsenic (129%) and Selenium (41%) in the dissolved fraction. As per the National Functional Guidelines: if the percent recovery is less than 75% but greater than 30% then qualify detected results for that analyte with "J" and non-detected results with "UJ". If the percent recovery is less than 30% qualify detected results with "J" and non-detected results with "R". If the percent recovery is greater than 125% qualify detected results with "J".

8. ICP SERIAL DILUTION

As noted in the National Functional Guidelines: If the analyte concentration is at least 50 times above the IDL, its serial dilution analysis must then agree within 10% of the original determination after corrected for dilution. The serial dilution is performed to determine whether any significant chemical or physical interference's exist due to matrix effects. The serial dilution percent differences were within the acceptance criteria for all target analytes with the exception of Aluminum, Calcium, Iron, Copper, Magnesium, Manganese, Sodium, and Vanadium associated with the total fraction. As per the National Functional Guidelines, if the serial dilution criterion is not met then qualify the associated results for that analyte with "J".

9. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data.

10. DOCUMENTATION

The documentation submitted for review appeared accurate and in order with the exception of an "E" qualifier associated with the Potassium result for sample SKGW-58-1014. The laboratory qualified the lead result with an "E" when the "Difference for the serial dilution was actually within the acceptance criteria. The data validator crossed out the "E" qualifier with a single line and dated and initialized the correction.

11. OVERALL ASSESSMENT

The percent recoveries for Lead in the Contract Required Detection Limit (CRDL) standards analyzed on 6/30/05 were 98%, 80%, and 77%.

The percent recoveries for Nickel in the Contract Required Detection Limit (CRDL) standards analyzed on 6/30/05 were 80%, 78%, and 79%.

The percent recoveries for Selenium in the Contract Required Detection Limit (CRDL) standards analyzed on 6/30/05 were 116%, 122%, and 143%.

The percent recoveries for Zinc in the Contract Required Detection Limit (CRDL) standards analyzed on 6/30/05 were 109%, 136%, and 118%.

The percent recoveries for Lead in the Contract Required Detection Limit (CRDL) standards analyzed on 7/1/05 were 102%, 73%, and 78%.

The percent recoveries for Nickel in the Contract Required Detection Limit (CRDL) standards analyzed on 7/1/05 were 68%, 64%, and 65%.

If the CRDL is greater than 120% then detected results greater than the IDL but less than two times the CRDL are qualified as estimated with "J". If the CRDL is below 80% then detected results are qualified as estimated with "J" and the non-detected results were qualified with "UJ".

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205061509 SEMIVOLATILE ORGANICS

Validation of the Gas Chromatograph/Mass Spectrometer (GC/MS) semi-volatile organics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999) as appropriate. The results were reported by GCAL under SDG 205061509.

| GCAL# | Sample Description |
|-------------|--------------------|
| 20506150901 | SKGW06R-1014 |
| 20506150902 | SKGW07R-1014 |
| 20506150907 | SKGW59-1014 |
| 20506150908 | SKGW59-1014 DUP |
| 20506150909 | SKGW61-1014 |
| 20506150910 | SKGW64-1014 |
| 20506150911 | SKGW63-1014 |
| 20506150912 | SKGW62A-1014 |
| 20506150921 | SKGW60-1014 |
| 20506150922 | SKGW58-1014 |
| 20506150923 | SKGW58-1014 MS |
| 20506150924 | SKGW58-1014 MSD |

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Multi-Media, Multi-Concentration OLM04.2 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various data qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the semivolatile data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. GC/MS Tuning
- 3. Calibration
 - A. IC
 - B. CC
- 4. Blanks
- 5. System Monitoring Compound Recovery
- 6. MS/MSD
- 7. Internal Standards Performance
- 8. Compound Identification
- 9. Constituent Quantitation and Reported Detection Limits
- 10. System Performance
- 11. Documentation
- 12. Overall Assessment

1. HOLDING TIMES

All samples were initially extracted within the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. GC/MS TUNING

The samples were analyzed on a single GC/MS system, identified as MSSV3. One decafluorotriphenylphosphine (DFTPP) tune was run representing the shift in which the standards and samples were analyzed. The DFTPP tune is acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 7/14/05 was analyzed in support of the semivolatile sample analyses. Documentation of the IC was present in the data package, and the Relative Response Factor (RRF), as well as percent % RSD values were accurately reported for all target compounds. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all semi-volatile compounds. The RRF's and the average RRF were within the acceptance criteria specified in the method for all reported analytes.

B. Continuing Calibration

One CC dated 7/14/05 was analyzed in support of the semivolatile sample analyses reported in the data submissions. The RRF's for the CC are within the acceptance criteria. The percent difference (%D) between the average RRF's and the CC Response Factors were within the acceptance criteria.

4. BLANKS

One laboratory semivolatile method blank was analyzed with this SDG. The results are summarized below.

Method Blank (MB250947)

Di-n-butylphthalate (0.949 ppb) and Bis-(2-ethylhexyl) phthalate (1.30 ppb) were detected in the blank extracted on 6/20/05.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported semivolatile system monitoring compounds (SMC) were recovered within acceptable control limits with the exception of Trephenyl-d14 associated with samples SKGW631014 (32%), SKGW58-1014 MS (25%) and SKGW58-1014 MSD (31%) and 2,4,6-Tribromophenol associated with sample SKGW60-1014 (128%). As per the National Functional Guidelines, no action is taken when only one SMC is outside of the acceptance criteria.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD)

Sample SKGW58-1014 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria with the exception of 4-Nitrophenol associated with the MSD. The %RPD between the MS/MSD are within the acceptance criteria with the exception of the %RPD for Pyrene. As per the National Functional Guidelines, no action is taken on MS/MSD data alone.

7. INTERNAL STANDARDS PERFORMANCE

Internal standard areas and retention times were within acceptable limits for the reported semivolatile sample analyses.

8. COMPOUND IDENTIFICATION

All reported semivolatile constituents were correctly identified with supporting chromatograms present in the data package.

9. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for semivolatile constituents

10. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data submitted for review.

11. DOCUMENTATION

The documentation appeared accurate and in order.

12. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205061509 VOLATILE ORGANIC

Validation of the GC/MS volatile organics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDG 205061509.

| GCAL# | Sample Description |
|-------------|--------------------|
| 20506150901 | SKGW06R-1014 |
| 20506150902 | SKGW07R-1014 |
| 20506150903 | Trip Blank |
| 20506150907 | SKGW59-1014 |
| 20506150908 | SKGW59-1014 DUP |
| 20506150909 | SKGW61-1014 |
| 20506150910 | SKGW64-1014 |
| 20506150911 | SKGW63-1014 |
| 20506150912 | SKGW62A-1014 |
| 20506150913 | Trip Blank |
| 20506150921 | SKGW60-1014 |
| 20506150922 | SKGW58-1014 |
| 20506150923 | SKGW58-1014 MS |
| 20506150924 | SKGW58-1014 MSD |

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Low Concentration OLC02.0 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.

- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

The volatiles data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. GC/MS Tuning
- 3. Calibration
 - A. IC
 - B. CC
- 4. Blanks
- 5. System Monitoring Compound Recovery
- 6. MS/MSD
- 7. Laboratory Control Sample
- 8. Internal Standards Performance
- 9. Compound Identification
- 10. Constituent Quantitation and Reported Detection Limits
- 11. System Performance
- 12. Documentation
- 13. Overall Assessment

1. HOLDING TIMES

All samples for Volatile Organic Compounds (VOC) analyses were analyzed within the 14-day technical holding time and the 10-day VTSR method holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. GC/MS TUNING

The samples were analyzed on two GC/MS systems, identified as MSV4. Two bromofluorobenzene (BFB) tunes were run on MSV4. The BFB tunes are acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 6/22/05 was analyzed on instrument MSV4 in support of the volatile sample analyses reported in the data submissions. Documentation of the IC standards is present in the data package, and RRF's as well as %RSD values were accurately reported. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all volatile compounds.

The RRF's and the average RRF for the IC's dated 6/22/05 were within the acceptance criteria specified in the method for all target compounds with the exception of Acetone and 2-Butanone. As per the National Functional Guidelines, if any initial calibration RRF is less than 0.05, qualify positive results that have acceptable mass spectral identification with "J", using professional judgment, and non-detected analytes as unusable (R). It should be noted that the laboratory did meet the minimum RRF of 0.01 for all target compounds.

The %RSD's were within the acceptance criteria specified in the method for all target analytes with the exception of 1,2,4-Trichlorobenzene. As per the National Functional Guidelines, if the %RSD is greater than 30% then qualify the associated detected results for that compound(s) with "J".

B. Continuing Calibration

Two CC's dated 6/22/05 and 6/23/05 were analyzed on instrument MSV4 in support of the volatile sample analyses reported in the data submissions. The percent difference (%D) between the average RRF's and the CC RF's were within the acceptance criteria for all target compounds.

The CC RRF's for the CC dated 6/22/05 were within the acceptance criteria specified in the method for all target compounds with the exception of Acetone. The Acetone results were previously qualified under section 3A above.

The CC RRF's for the CC dated 6/23/05 were within the acceptance criteria specified in the method for all target compounds with the exception of Acetone. The Acetone results were previously qualified under section 3A above.

4. BLANKS

Two laboratory volatile method blanks, storage blank and two Trip Blanks were analyzed with this SDG. The results are summarized below.

MB251392

There were no target compounds detected in the method blank analyzed on 6/22/05.

MB251940

There were no target compounds detected in the method blank analyzed on 6/23/05.

Storage Blank (VHBLK)

Methylene chloride (0.045 ppb) was detected in the Storage Blank analyzed on 6/23/05.

Trip Blank

Methylene chloride (0.079 ppb) was detected in the Trip Blank associated with the samples that were collected on 6/14/05. The result was mitigated by the presence of Methylene chloride in the associated Storage Blank.

Trip Blank

Methylene chloride (0.043 ppb) was detected in the Trip Blank associated with the samples that were collected on 6/15/05. The result was mitigated by the presence of Methylene chloride in the associated Storage Blank.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported volatile system monitoring compounds were recovered within acceptable control limits (80%-120%) for all samples.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SKGW58-1014 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria.

7. LABORATORY CONTROL SAMPLE

Two Laboratory Control Samples were analyzed in conjunction with this SDG. Recoveries were within the control limit for all constituents.

8. INTERNAL STANDARDS PERFORMANCE

Internal Standard (IS) areas and retention times were within acceptable limits for the reported volatile sample analyses.

9. COMPOUND IDENTIFICATION

All reported VOCs were correctly identified with supporting chromatograms present in the data package.

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for VOCs.

11. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data.

12. **DOCUMENTATION**

There was no VOA CC data dated 6/23/05 included in SDG 205061509. The data validator contacted GCAL and the laboratory supplied the missing data.

13. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY - SAMPLE DELIVERY GROUP 205061509 PESTICIDES

Validation of the Gas Chromatography (GC) pesticides data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDG 205061509.

| GCAL# | Sample Description | | | |
|-------------|--------------------|--|--|--|
| 20506150901 | SKGW06R-1014 | | | |
| 20506150902 | SKGW07R-1014 | | | |
| 20506150907 | SKGW59-1014 | | | |
| 20506150908 | SKGW59-1014 DUP | | | |
| 20506150909 | SKGW61-1014 | | | |
| 20506150910 | SKGW64-1014 | | | |
| 20506150911 | SKGW63-1014 | | | |
| 20506150912 | SKGW62A-1014 | | | |
| 20506150921 | SKGW60-1014 | | | |
| 20506150922 | SKGW58-1014 | | | |
| 20506150923 | SKGW58-1014 MS | | | |
| 20506150924 | SKGW58-1014 MSD | | | |
| 20506150931 | SKGW59-1014 RE | | | |
| 20506150932 | SKGW59-1014 DUP RE | | | |
| 20506150933 | SKGW61-1014 RE | | | |
| 20506150934 | SKGW64-1014 RE | | | |
| 20506150935 | SKGW63-1014 RE | | | |
| 20506150936 | SKGW62A-1014 RE | | | |
| 20506150939 | SKGW58-1014 RE | | | |
| 20506150940 | SKGW58-1014 MS RE | | | |
| 20506150941 | SKGW58-1014 MSD RE | | | |
| 20506150942 | SKGW07R-1014 RE | | | |

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Multi-Media, Multi-Concentration OLM04.2 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. Various qualifier codes are used by the laboratory to denote specific information regarding the analytical results.

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the pesticide data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. Gas Chromatograph/Electronic Capture Detector (GC/ECD) Instrument Performance Check
- 3. IC
- 4. Calibration Verification
- 5. Blanks
- 6. Surrogate Spikes
- 7. Matrix Spike/Matrix Spike Duplicate (MS/MSD)
- 8. Pesticide Cleanup Checks
- 9. Target Compound Identification
- 10. Constituent Quantitation and Reported Detection Limits

- 11. Documentation
- 12. Overall Assessment

1. HOLDING TIMES

All samples were originally extracted within the seven-day technical holding time and the five-day VTSR method holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C. The samples were re-extracted outside of the technical and VSTR method holding times. As per the National Functional Guidelines, if technical holding times are exceeded, qualify all detected compound results as estimated "J" and sample quantitation limits as estimated "UJ".

2. GC/ECD INSTRUMENT PERFORMANCE CHECK

The Performance Evaluation Mixture (PEM) was analyzed at the correct frequency. Absolute retention times were within limits.

The percent resolution between adjacent peaks was within QC limits for the Pesticide Analyte Resolution Check. The percent resolution between adjacent peaks is within QC limits for the Performance Evaluation Mixtures (PEM). The percent breakdown for both 4,4'-DDT and Endrin in each PEM was less than 20.0% for both GC columns. The combined percent breakdown for 4,4'-DDT and Endrin in each PEM was less than 30.0% for both GC columns.

3. INITIAL CALIBRATION

Individual standard mixtures A and B were analyzed at the correct frequencies and concentrations. The percent resolution criterion for Individual standard mixtures A and B were within the acceptance criteria.

The Percent Relative Standard Deviation (%RSD) of the calibration factors for each of the single component pesticides was less than 20% with the exception of alpha-BHC (25.0%) and gamma-BHC (22.9%) associated with the samples analyzed on 6/28/05 (RTX-XLB). The multi-component target compounds were analyzed separately on both columns at a single concentration level. Retention times were determined from a minimum of three peaks. As per the National Functional Guidelines, up to two single component target pesticides (other than the surrogates) per column may exceed the 20% limit but the %RSD must be less than 30.0%.

4. CALIBRATION VERIFICATION

Absolute retention times were within appropriate time retention windows. The percent difference for each of the pesticides and surrogates in the PEM's were within the acceptance criteria of ±25.0 percent for the calibration dated 6'24'05 on column RTX-35MS.

The percent difference for each of the pesticides and surrogates in the PEM's were within the acceptance criteria of ± 25.0 percent with the exception of Endrin for the calibration dated 6/29/05 (1542) on column RTX-XLB.

The percent difference for each of the pesticides and surrogates in the midpoint concentration of the Individual Standard Mixtures A and B was within the acceptance criteria of ± 25.0 percent.

As per the National Functional Guidelines, if the percent difference is greater than 25 percent for the compound(s) being quantified, qualify all associated detected results with "J" and non-detects with "UJ".

BLANKS

Two laboratory method blanks were analyzed with this SDG. The results are summarized below.

Method Blank 250946

Toxaphene was detected at a concentration of 0.384 ppb in Method Blank 250946. This blank corresponds to all samples extracted on 6/20/05.

Method Blank 255653

No constituents were detected above the laboratory-reporting limit. This blank corresponds to all samples extracted on 6/24/05.

6. SURROGATE SPIKES

Decachlorobiphenyl (DCB) and tetrachloro-m-xylene (TCX) surrogate spike recoveries were within the acceptance criteria (30% - 150%) for all samples except as follows:

| Sample ID | <u>TCX (%)</u> | <u>DCM (%)</u> |
|-----------------|----------------|----------------|
| SKGW06R-1014 | 55/54 | 3 4/26 |
| SKGW07R-1014 | 57/57 | 30/29 |
| SKGW59-1014 Dup | 36/38 | 40/18 |
| SKGW61-1014 | 44/58 | 37/ 29 |
| SKGW64-1014 | 21/32 | 23/19 |
| SKGW63-1014 | 36/37 | 20/15 |
| SKGW62A-1014 | 39/40 | 27/21 |

The samples were re-extracted do to Toxaphene contamination associated with the Method Blank extracted on 6/20/05. The surrogate recoveries in the re-extracted samples where within the acceptance limits. As per the National Functional Guidelines, if the surrogate(s) recoveries are between 10 and 30 percent then qualify detected compounds with "J" and non-detected compounds with "UJ".

7. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SKGW58-1014 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria.

8. PESTICIDE CLEANUP CHECKS

Recoveries of all pesticides and surrogates were within 80-120% for the lot of Florisil cartridges utilized for pesticide cleanup.

9. TARGET COMPOUND IDENTIFICATION

All reported pesticide data were correctly identified with supporting chromatograms present in the data package.

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for pesticide constituents.

11. DOCUMENTATION

Page 5 of SDG 205061509 had several GCAL ID number missing 20, 26, 37, 38 and had two samples listed with the same GCAL ID 20506150930. The case narrative for SDG 205061509 stated that all of the pesticides were re-extracted yet on page 5 titled Report sample Summary samples SKGW06R-1014 and SKGW60-1014 are not listed.

GCAL provided the following explanations:

The duplication of GCAL ID 20506150930 was a mistake made in log-in when the samples had to be re-logged for re-extraction. The re-extracted sample has been given a new number of 20506150942 and the package corrected to reflect the new number.

Several samples were not included in the report sample summary. Samples 20, 26, and 37 were all associated with sample SKGW66-1014. Sample 20 was the parent sample, 26 was the dissolved metals prep, and 37 was the re-extract of sample 20 for pesticides. To report both a sample and the re-extract, the sample originally logged into the LIMS should be given a new GCAL ID number with a new client ID of "Client ID-RE". On June 23, 2005 Pat Higgins, in an e-mail, requested that Dana revise the chain of custody to delete sample SKGW66-1014. Sample 38 (SKGW60-1014) was scheduled for re-extraction and then cancelled because there was not enough sample to re-extract. There was also insufficient sample left for the re-extraction of SKGW06R-1014.

12. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

REFERENCES

US EPA, 1994. National Functional Guidelines for Inorganic Data Review.

US EPA, 1999. National Functional Guidelines for Organic Data Review.



ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 07/19/2005

GCAL Report 205061509

Deliver To Earth Tech 2373 Progress St Hebron, KY 41048

859-442-2300

Attn Pat Higgins

Customer Earth Tech

Project Skinner Landfill

000001.
RESUBMITTED

CASE NARRATIVE

Client: Earth Tech Report: 205061509

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

The report sample summary (page 5), Pesticide method blank summary (page 391), sample SKCW07R-1014RE Form I and raw data (pages 442-446), prep sheets (page 672-673), and batch run logs (pages 676 and 679) are resubmitted to correct the GCAL sample ID number. The number was reassigned from 20506150930 to 20506150942. Also submitted for the mass spectrometry volatiles analysis is the BFB raw data and CCV summary and raw data for 06/23/05 on instrument msv4. The case narrative regarding the re-extraction of the OLM04.2 Pesticide samples has been corrected.

The pesticide method blank summary page was resubmitted to correct duplicate entries of samples 20506150940 and 20506150941.

SEMI-VOLATILES MASS SPECTROMETRY

In the OLM04.2 CLP analysis samples 20506150911 (SKGW63-1014), 20506150923 (SKGW58-1014 MS), and 20506150924 (SKGW58-1014 MSD) had one base-neutral surrogate outside QC limits, sample 20506150921 (SKGW60-1014) had one acid surrogate outside QC limits.

In the OLM04.2 CLP analysis, the recovery for 4-Nitrophenol was slightly above QC limits in the MSD, and the RPD for Pyrene was exceeded.

SEMI-VOLATILES GAS CHROMATOGRAPHY

In the OLM04.2 Pesticide analysis several surrogate recoveries were outside of advisory limits as indicated on Form II. In batch 295010 the matrix spike recovery for gamma-bhc was outside QC limits.

In the OLM04.2 Pesticide analysis, the method blank 250946 had Toxaphene present at 0.384 ug/L, which was below the CRDL. All samples except SKGW06R-1014 and SKGW60-1014 were re-extracted to verify Toxaphene was attributed to laboratory contamination. Both sets of data are being included in the report. The two samples that were not re-extracted did not have sufficient sample volume.

METALS

In the ILM04.1 - CLP analysis for prep batch 293859, the MS recoveries were outside the control limits for Selenium and Thallium. The LCS recoveries were within the control

000002 RESUBMITTED limits. This indicates the analysis is in control and the sample is affected by matrix interference. The MS recovery is not applicable for Aluminum and Iron because the sample concentrations are greater than four times the spike concentrations. Aluminum, Calcium, Copper, Iron, Magnesium, Manganese, Potassium, Sodium, and Vanadium are flagged as estimated due to the fact that the percent difference between the original sample results and the serial dilution results are greater than 10. A chemical or physical interference is suspected.

In the ILM04.1 - CLP analysis for prep batch 293860, the MS recoveries were outside the control limits for Arsenic and Selenium. The LCS recoveries were within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference. The sample/duplicate RPDs for Chromium and Zinc for prep batch 293860 are not applicable because the sample and/or duplicate concentrations are less than five times the reporting limit.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND Indicates the result was Not Detected at the specified RDL

DO Indicates the result was Diluted Out

MI Indicates the result was subject to Matrix Interference Indicates the result was Too Numerous To Count

SUBC Indicates the analysis was Sub-Contracted

FLD Indicates the analysis was performed in the Field

PQL Practical Quantitation Limit
MDL Method Detection Limit
RDL Reporting Detection Limit

00:00 Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J Indicates an estimated value

U Indicates the compound was analyzed for but not detected

B (ORGANICS) Indicates the analyte was detected in the associated Method Blank

B (INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER

DATA VALIDATION MANAGER GCAL REPORT 205061509

THIS REPORT CONTAINS **878** PAGES.

Report Sample Summary

| GCÁL ID | Client ID | Matrix | Collect Date/Time | Receive Date/Time |
|-------------|-------------------------|--------|-------------------|--------------------------|
| 20506150901 | SKGW06R-1014 | Water | 06/14/2005 15:15 | 06/15/2005 09:00 |
| 20506150902 | SKGW07R-1014 | Water | 06/14/2005 15:55 | 06/15/2005 09:00 |
| 20506150903 | TRIP BLANK | Water | | 06/15/2005 09:00 |
| 20506150904 | SKGW06R-1014 (DISS) | Water | 06/14/2005 15:15 | 06/15/2005 09:00 |
| 20506150905 | SKGW07R-1014 (DISS) | Water | 06/14/2005 15:55 | 06/15/2005 09:00 |
| 20506150906 | VHBLK | Water | | 06/15/2005 09:00 |
| 20506150907 | SKGW59-1014 | Water | 06/15/2005 13:10 | 06/16/2005 09:15 |
| 20506150908 | SKGW59-1014 DUPE | Water | 06/15/2005 13:50 | 06/16/2005 09:15 |
| 20506150909 | SKGW61-1014 | Water | 06/15/2005 14:45 | 06/16/2005 09:15 |
| 20506150910 | SKGW64-1014 | Water | 06/15/2005 09:45 | 06/16/2005 09:15 |
| 20506150911 | SKGW63-1014 | Water | 06/15/2005 10:35 | 06/16/2005 09:15 |
| 20506150912 | SKGW62A-1014 | Water | 06/15/2005 11:30 | 06/16/2005 09:15 |
| 20506150913 | TRIP BLANKS | Water | 06/15/2005 00:00 | 06/16/2005 09:15 |
| 20506150914 | SKGW59-1014 (DISS) | Water | 06/15/2005 13:10 | 06/16/2005 09:15 |
| 20506150915 | SKGW59-1014 (DISS) DUPE | Water | 06/15/2005 13:10 | 06/16/2005 09:15 |
| 20506150916 | SKGW61-1014 (DISS) | Water | 06/15/2005 14:45 | 06/16/2005 09:15 |
| 20506150917 | SKGW64-1014 (DISS) | Water | 06/15/2005 09:45 | 06/16/2005 09:15 |
| 20506150918 | SKGW63-1014 (DISS) | Water | 06/15/2005 10:35 | 06/16/2005 09:15 |
| 20506150919 | SKGW62A-1014 (DISS) | Water | 06/15/2005 11:30 | 06/16/2005 09:15 |
| 20506150921 | SKGW60-1014 | Water | 06/16/2005 13:35 | 06/17/2005 10:20 |
| 20506150922 | SKGW58-1014 | Water | 06/16/2005 10:05 | 06/17/2005 10:20 |
| 20506150923 | SKGW58-1014 MS | Water | 06/16/2005 10:30 | 06/17/2005 10:20 |
| 20506150924 | SKGW58-1014 MSD | Water | 06/16/2005 10:55 | 06/17/2005 10:20 |
| 20506150925 | SKGW58-1014 DUP | Water | 06/16/2005 10:55 | 06/17/2005 10:20 |
| 20506150927 | SKGW60-1014 (DISS) | Water | 06/16/2005 13:35 | 06/17/2005 10:20 |
| 20506150928 | SKGW58-1014 (DISS) | Water | 06/16/2005 10:05 | 06/17/2005 10:20 |
| 20506150929 | SKGW58-1014 MS(DISS) | Water | 06/16/2005 10:30 | 06/17/2005 10:20 |
| 20506150930 | SKGW58-1014 DUP(DISS) | Water | 06/16/2005 10:55 | 06/17/2005 10:20 |
| 20506150931 | SKGW59-1014 RE | Water | 06/15/2005 13:10 | 06/16/2005 09:15 |
| 20506150932 | SKGW59-1014 DUPE RE | Water | 06/15/2005 13:50 | 06/16/2005 09:15 |
| 20506150933 | SKGW61-1014 RE | Water | 06/15/2005 14:45 | 06/16/2005 09:15 |
| 20506150934 | SKGW64-1014 RE | Water | 06/15/2005 09:45 | 06/16/2005 09:15 |
| 20506150935 | SKGW63-1014 RE | Water | 06/15/2005 10:35 | 06/16/2005 09:15 |
| 20506150936 | SKGW62A-1014 RE | Water | 06/15/2005 11:30 | 06/16/2005 09:15 |
| 20506150939 | SKGW58-1014 RE | Water | 06/16/2005 10:05 | 06/17/2005 10:20 |
| 20506150940 | SKGW58-1014 MS RE | Water | 06/16/2005 10:30 | 06/17/2005 10:20 |
| 20506150941 | SKGW58-1014 MSD RE | Water | 06/16/2005 10:55 | 06/17/200 5 10:20 |
| 20506150942 | SKGW07R-1014 RE | Water | 06/14/2005 15:55 | 06/15/2005 09:00 |

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKGW06R-1014

| ab Name: GC | AL Contract: | | | | | |
|-----------------------------------|---------------------------|------------------|--------------------------|-----------------|-------------|-----|
| ab Code: LA0 | 24 Case No.: | SAS No.: | | SDG No.: 205061 | 509 | |
| latrix: (soil/water) |) Water | | | | | |
| ample wt/vol: | 25 (g/ml) mL | Lab Sample ID: | 2050615090 | 1 | | |
| evel: (low/med) | | Lab File ID: 20 | 50623/U4224 | | | |
| • | | Date Collected: | ' | Time: 15 | 15 | |
| 6 Moisture: not dec. | | | | | | |
| C Column: DB-624-30M ID: .53 (mm) | | Date Received: | Date Received: 06/15/05 | | | |
| nstrument ID: MSV4 | | Date Analyzed: | 06/23/05 Time: 1522 | | | |
| oil Extract Volume: (µL) | | Dilution Factor: | 1 Analyst: RSP | | RSP | |
| oil Aliquot Volume: (µL) | | Prep Batch: | Analytical Batch: 294122 | | | |
| · | | Analytical Metho | d: OLCO 2.1 | | | _ |
| | TION UNITS: ug/L | | | | | |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL | |
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 0.010 | 1.0 | ٦ |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 0.010 | 1.0 | 1 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | υ | 0.010 | 1.0 | 7 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 0.010 | 1.0 | 1 |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 0.010 | 1.0 | 7 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | υ | 0.010 | 1.0 | 7 |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 0.010 | 1.0 | 1 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 0.010 | 1.0 | 7 |
| 107-06-2 | 1,2-Dichloroethane | 1.0 | U | 0.010 | 1.0 | 7 |
| 540-59-0 | 1,2-Dichloroethene | 1.0 | U | 0.010 | 1.0 | 7 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 0.010 | 1.0 | ヿ |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 0.010 | 1.0 | 7 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 0.010 | 1.0 | ヿ゙ |
| 78-93-3 | 2-Butanone | 5.0 | U | 0.010 | 5.0 | ∣ የ |
| 591-78-6 | 2-Hexanone | 5.0 | U | 0.010 | 5.0 | 7 |
| 108-10-1 | 4-Methyl-2-pentanone | 5.0 | U | 0.010 | 5.0 | 7 |
| 67-64-1 | Acetone | 5.0 | U | 0.010 | 5.0 | 7 R |
| 71-43-2 | Benzene | 1.0 | U | 0.010 | 1.0 | ٦. |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 0.010 | 1.0 | 7 |
| 75-25-2 | Bromoform | 1.0 | U | 0.010 | 1.0 | 7 |
| 74-83-9 | Bromomethane | 1.0 | U | 0.010 | 1.0 | 7 |
| 75-15-0 | Carbon disulfide | 1.0 | υ | 0.010 | 1.0 | ٦ |
| 56-23-5 | Carbon tetrachloride | 1.0 | U | 0.010 | 1.0 | 7 |
| 108-90-7 | Chlorobenzene | 1.0 | U | 0.010 | 1.0 | 7 |
| 75-00-3 | Chloroethane | 1.0 | U | 0.010 | 1.0 | 7 |
| 67-66-3 | Chloroform | 1.0 | U | 0.010 | 1.0 | 7 |
| 74-87-3 | Chloromethane | 1.0 | T U | 0.010 | 1.0 | 7 |
| 124-48-1 | Dibromochloromethane | 1.0 | U | 0.010 | 1.0 | 7 |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U | 0.010 | 1.0 | 1 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | 1 0 | 0.010 | 1.0 | ┪ |
| 100-41-4 | Ethylbenzene | 1.0 | 1 0 | 0.010 | 1.0 | ヿ |
| | | | | L | | _ |

algles

SAMPLE NO.

SKGW06R-1014

| Lab Name: GC | AL | ontract: | · · · · · · · · · · · · · · · · · · · | | | | |
|--------------------|--------------------|-------------|---------------------------------------|-------------|----------------|----------------------|----|
| Lab Code: LA0 | 24 Case No.: | | SAS No.: | s | DG No.: 205061 | 509 | |
| Matric (soll/water |) Water | | | | | | |
| Sample without | 25 (g/ml) mL | | Lab Sample ID: | 20506150901 | | | |
| Level: (low/med) | | | Lab File ID: 20 | 50623/U4224 | | | |
| % Maisture: not d | lec | | Date Collected: | 06/14/05 | Time: 1 | 515 | |
| GC Column: DE | 8-624-30M ID: _53 | (mm) | Date Received: | 06/15/05 | | | |
| Instrument ID: _I | MSV4 | | Date Analyzed: | 06/23/05 | Time: _1: | 522 | |
| Sail Extract Volum | ne: | (µL) | Dilution Factor: | 1 | Analyst | RSP | |
| Soil Aliquot Volun | nec | (µL) | Prep Batch: | | Analytical | Batch: <u>294122</u> | _ |
| CONCENTRAT | TION UNITS: ug/L | | Analytical Method | d: OLCO 2.1 | | | |
| CAS NO. | COMPOUND | | RESULT | Q | MDL | RL | |
| 75-09-2 | Methylene chloride | | 2.094 | J | 0.010 | 2.0 | Ju |
| 100-42-5 | Styrene | | •.5 | U | 0.010 | 1.0 | 7 |
| 127-18-4 | Tetrachloroethene | | 1.5 | U | 0.010 | 1.0 | 7 |
| 106-88-3 | Toluene | | 1.5 | υ | 0.010 | 1.0 | |
| 79-01-6 | Trichloroethene | | 1.0 | U | 0.010 | 1.0 | ┑ |
| 75-01-4 | Vinyl chloride | | | U | 0.010 | 1.0 | 7 |
| 1330-20-7 | Xylene (total) | | •) | U | 0.010 | 1.0 | 7 |

9/8/25

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| SAMPLE NO. | |
|--------------|--|
| SKGW06R-1014 | |

| Lab Name: GCAL | _Contract: | | | | |
|-------------------------------|------------|------------------|-------------|-------------|--------|
| Lab Code: LA024 Case No.: | | SAS No.: | s | DG No.: 205 | 061509 |
| Matrix: Water | | Lab Sample ID: | 20506150901 | | |
| Sample wt/vol: Units: | ···· | Lab File ID: 205 | 50623/U4224 | | |
| Level: (low/med) | | Date Collected: | 06/14/05 | Time: | 1515 |
| % Moisture: not dec. | | Date Received: | 06/15/05 | | |
| GC Column: DB-624-30M ID: .53 | (mm) | Date Analyzed: | 06/23/05 | Time: | 1522 |
| Instrument ID: MSV4 | | Dilution Factor: | 1 | Analyst: | RSP |
| Soil Extract Volume: | (µL) | | | | |
| Soil Aliquot Volume: | (µL) | | | | |
| Number TICs Found: 1 | | | | | |
| CONCENTRATION UNITS: | | | | | |
| CAS NO. COMPOUND | | RT | EST. (| CONC. | Q |
| 1 . 107-89-1 Unknown | | 1.959 | 2.0 | 7 | |

SAMPLE NO.

SKGW07R-1014

| Lab Code: LA024 Case No. SAS No.: SDG No.: 205 Matrix: (soil/water) Water Lab Sample wit/vol: 25 (g/ml) mL Lab Sample ID: 20506150902 | 061509 |
|---|--------------------|
| | |
| Semple wt/vol: 25 (g/ml) mL Lab Sample ID: 20506150902 | |
| | |
| Levelt (knwimed) Lab File ID: 2050622/U4201 | |
| % Maisture: not dec. Date Collected: 06/14/05 Time: | 1555 |
| 3C Column: DB-624-30M ID53 (mm) Date Received: 06/15/05 | |
| | 4454 |
| instrument ID: MSV4 Date Analyzed: 06/22/05 Time: | 1401 |
| Soil Extract Volume: (µL) Dilution Factor: 1 Analys | t RSP |
| Soil Aliquot Volume: (µL) Prep Batch: Analytic | ical Batch: 294018 |
| CONCENTRATION UNITS: ug/L Analytical Method: OLCO 2.1 | |
| CAS NO. COMPOUND RESULT Q MDL | RL |
| 71-55-6 11,1,1-Trichlorosthere 1.0 U 0.010 | 1.0 |
| 79-34-5 1,1,2,2-Tetrachloroethane 1.0 U 0.010 | 1.0 |
| 79-00-5 1,1,2-Trichlorosthane 1.0 U 0.010 | 1.0 |
| 75-34-3 1,1-Dichlorcethene 1.0 U 0.010 | 1.0 |
| 75-35-4 1,1-Dichlorgethene 1.0 U 0.010 | 1.0 |
| 120-82-1 1.2.4-Trichlarobenzene 1.0 U 0.010 | 1.0 |
| 105-93-4 1,2-Dibromosthene 10 U 0.010 | 1.0 |
| 95-50-1 1,2-Dichlorobergene 1.0 U 0.010 | 1.0 |
| 107-06-2 1_2-Dichlorosthene 1 0 U 0.010 | 1.0 |
| 540-59-0 1,2-Dichlorosthene '0 U 0.010 | 1.0 |
| 78-87-5 1,2-Dichloropropene '0 U 0.010 | 1.0 |
| 541-73-1 1,3-Dichlorobenzene 1.0 U 0.010 | 1.0 |
| 106-46-7 1,4-Dichlorobenzene 10 U 0.010 | 1.0 |
| 78-93-3 2-Butanone 5.0 U 0.010 | 5.0 K |
| 591-78-6 2-Hexanone 5.0 U 0.010 | 5.0 |
| 106-10-1 4-Mothyl-2-pentanone 50 U 0.010 | 5.0 |
| 67-64-1 Acetone 50 U 0.010 | 5.0 |
| 71-43-2 Benzene 1.0 U 0.010 | 1.0 |
| 75-27-4 Bromodichloromethane 1.0 U 0.010 | 1.0 |
| 75-25-2 Bramoform 1.0 U 0.010 | 1.0 |
| 74-83-9 Bromomethene 1.0 U 0.010 | 1.0 |
| 75-15-0 Carbon disulfide 1.0 U 0.010 | 1.0 |
| 56-23-5 Carbon tetrachloride 1.0 U 0.010 | 1.0 |
| 108-90-7 Chloroberzene 1.0 U 0.010 | 1.0 |
| 75-00-3 Chlorosthane 1.0 U 0.010 | 1.0 |
| 67-66-3 Chloroform 1.0 U 0.010 | 1.0 |
| 74-87-3 Chloromethene 1.0 U 0.010 | 1.0 |
| 124-48-1 Dibromochlorometrane 1.0 U 0.010 | 1.0 |
| 10061-01-5 cis-1,3-Dichlarapropene 1.0 U 0.010 | 1.0 |
| 10061-02-6 trans-1,3-Dichloropropene 1.0 U 0.010 | 1.0 |
| 100-41-4 Elhyberzene 1.0 U 0.010 | 1.0 |

918105 MP

SAMPLE NO.

SKGW07R-1014

| Lab Name: GCA | L | Contract: | | | | |
|----------------------|--------------------|-----------|-------------------|-------------|--------------|--------------------|
| Lab Code: LA02 | Case No.: | | SAS No.: | | SDG No.: 205 | 5061509 |
| Matrix: (soil/water) | Water | | | | | |
| Sample wt/vol: 2 | 25 (g/ml) mL | | Lab Sample ID: | 2050615090 |)2 | |
| _evel: (low/med) | | | Lab File ID: 205 | 50622/U4201 | | |
| % Moisture: not de | с. | | Date Collected: | 08/14/05 | Time: | 1555 |
| GC Column: DB- | -624-30M ID: .53 | 3 (mm) | Date Received: | 06/15/05 | | |
| nstrument ID: M | SV4 | | Date Analyzed: | 06/22/05 | Time: | 1451 |
| Soil Extract Volume | e: | (µL) | Dilution Factor: | 1 | Analys | st: RSP |
| Soil Aliquot Volume | e: | (µL) | Prep Batch: | | Analyt | ical Batch: 294018 |
| CONCENTRATI | ON UNITS: ug/L | | Analytical Method | : OLCO 2. | 1 | |
| CAS NO. | COMPOUND | | RESULT | Q | MDL | RL |
| 75-09-2 | Methylene chloride | | 2.0 | Ū | 0.010 | 2.0 |
| 100-42-5 | Styrene | | 1.0 | U | 0.010 | 1.0 |
| 127-18-4 | Tetrachloroethene | | 1.0 | U | 0.010 | 1.0 |
| 108-88-3 | Toluene | | 1.0 | U | 0.010 | 1.0 |
| 79-01-6 | Trichloroethene | | 1.0 | Ü | 0.010 | 1.0 |
| 75-01-4 | Vinyl chloride | | 1.0 | Ü | 0.010 | 1.0 |
| 1330-20-7 | Xylene (total) | | 1.0 | υ | 0.010 | 1.0 |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SKGW07R-1014

| Lab Name: GCAL | _Contract: | | L | |
|---|------------|------------------|-------------|------------------|
| Lab Code: LA024 Case No.: | | SAS No.: | SDG | S No.: 205061509 |
| Matrix Water | | Lab Sample ID: | 20506150902 | |
| Sample wt/vol: Units: | | Lab File ID: 20 | 50622/U4201 | |
| Level: (low/med) | | Date Collected: | 06/14/05 | Time: 1555 |
| % Moisture: not dec. | | Date Received: | 06/15/05 | |
| GC Column: DB-624-30M ID: .53 | (mm) | Date Analyzed: | 06/22/05 | Time: 1451 |
| Instrument ID: MSV4 | | Dilution Factor: | 1 | Analyst: RSP |
| Soil Extract Volume: | (此) | | | |
| Soil Aliquot Volume: | (µL) | | | |
| Number TICs Found: 1 | | | | |
| CONCENTRATION UNITS: | | | | |
| CAS NO. COMPOUND | | RT | EST. CO | NC. Q |
| 1. 1823-52-5 2-Oxetanone, 4,4-dimethyl- | | 1.942 | 1.45 | |

SAMPLE NO.

SKGW59-1014

| Lab Name: GCA | L Contract | : | | | |
|----------------------|---|----------------------|--|----------------|---------------------|
| Lab Code: LA02 | 4 Case No.: | SAS No.: | sı | OG No.: 205061 | 509 |
| Matrix: (soil/water) | Water | | | | |
| Sample wt/vol: 2 | 5 (g/ml) mL | Lab Sample ID: | 20506150907 | | |
| Level: (low/med) | | Lab File ID: _20 |)50623/U4218 | | |
| % Moisture: not de | c | Date Collected: | 06/15/05 | Time: 13 | 10 |
| GC Column: DB- | 624-30M ID: .53 (| mm) Date Received: | 06/16/05 | | |
| Instrument ID: M | SV4 | Date Analyzed: | 06/23/05 | Time: _12 | 30 |
| Soil Extract Volume | e: (| μL) Dilution Factor: | 1 | Analyst: | RSP |
| Soil Aliquot Volume | | | | Analytical E | Batch: 294122 |
| CONCENTRATION | • | Analytical Metho | d: OLCO 2.1 | | · 2000 |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL |
| 71-55-6 | Id 4.4 Triablements and | | т | 0.040 | - 46 - 1 |
| 79-34-5 | 1,1,1-Trichloroethane | 1.0 | U | 0.010 | 1.0 |
| 79-00-5 | 1,1,2,2-Tetrachloroethane | 1.0 | + 0 + | 0.010 | 1.0 |
| 75-34-3 | 1,1,2-Trichloroethane | 1.0 | - 0 | 0.010 | 1.0 |
| 75-35-4 | 1,1-Dichloroethane | 1.0 | | 0.010 | 1.0 |
| | 1,1-Dichloroethene 1,2,4-Trichlorobenzene | 1.0 | U | 0.010 | 1.0 |
| 120-82-1 | | 1.0 | U I | 0.010 | 1.0 |
| 95-50-1 | 1,2-Dibromoethane 1,2-Dichlorobenzene | 1.0 | + | 0.010 | 1.0 |
| 107-06-2 | 1,2-Dichloroethane | 1.0 | | 0.010 | 1.0 |
| 540-59-0 | 1,2-Dichloroethene | 1.0 | - U | 0.010 | 1.0 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | 1 ö 1 | 0.010 | 1.0 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | - | 0.010 | 1.0 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | - | 0.010 | 1.0 |
| 78-93-3 | 2-Butanone | 5.0 | -1 - ŭ -1 | 0.010 | 5.0 R |
| 591-78-6 | 2-Hexanone | 5.0 | | 0.010 | 5.0 |
| 108-10-1 | 4-Methyl-2-pentanone | 5.0 | - - - | 0.010 | 5.0 |
| 67-64-1 | Acetone | 5.0 | 1 5 1 | 0.010 | 5.0 R |
| 71-43-2 | Benzene | 1,0 | - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | 0.010 | 1.0 |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 0.010 | 1.0 |
| 75-25-2 | Bromoform | 1.0 | Ü | 0.010 | 1.0 |
| 74-83-9 | Bromomethane | 1.0 | Ū | 0.010 | 1.0 |
| 75-15-0 | Carbon disulfide | 1.0 | U | 0.010 | 1.0 |
| 56-23-5 | Carbon tetrachloride | 1.0 | U | 0.010 | 1.0 |
| 108-90-7 | Chlorobenzene | 1.0 | U | 0.010 | 1.0 |
| 75-00-3 | Chloroethane | 1.0 | U | 0.010 | 1.0 |
| 67-66-3 | Chloroform | 1.0 | U | 0.010 | 1.0 |
| 74-87-3 | Chloromethane | 1.0 | U | 0.010 | 1.0 |
| 124-48-1 | Dibromochloromethane | 1.0 | U | 0.010 | 1.0 |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U | 0.010 | 1.0 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U | 0.010 | 1.0 |
| 100-41-4 | Ethylbenzene | 1.0 | U | | |

9/8/05

FORM I VOA

SKGW59-1014

| Lab Name: GC/ | AL. | Contract: | | | | | |
|---------------------|--------------------|-----------|-------------------|-------------|-------------------|---------------------|--------------|
| ab Code: LA02 | <u>4</u> Case No | | SAS No.: | s | DG No.: <u>20</u> | 5061509 | |
| Astric (soil/water) | Water | | | | | | |
| Sample wi/vol: _2 | <u>ජ (g/ml) mL</u> | | Lab Sample ID: | 20506150907 | · | | _ |
| (barriwol) :lava. | | | Lab File ID: 20 | 50623/U4218 | | | _ |
| % Moisture: not de | | | Date Collected: | 06/15/05 | Time | 1310 | _ |
| GC Calumn: DB | -624-30M ID: 53 | (mm) | Date Received: | 06/16/05 | | | |
| | ISV4 | | Date Analyzed: | | Time | 1230 | - |
| | ex | (pt.) | | | | | -2' |
| | EC | | | | | fical Batch: 294122 | - |
| | ION UNITS: ug/L | | Analytical Method | | <u></u> | | |
| | COMPOUND | | RESULT | Q | MDL | RL | |
| 75-09-2 | Mathylane chloride | | D. C. D. 659 | 11 | 0.010 | 2.0 | ่⊒น |
| 100-42-5 | Styrene | | 10 | U | 0.010 | 1.0 | ╗` |
| 127-18-4 | Tetrachloroethene | | 10 | U | 0.010 | 1.0 | |
| 108-88-3 | Toluene | | 10 | U | 0.010 | 1.0 | |
| 79-01-6 | Trichloroethene | | • 0 | U | 0.010 | 1.0 | |
| 75-01-4 | Vinyl chloride | | • 0 | U | 0.010 | 1.0 | |
| 1330,20.7 | Wilson (Intel) | | • • | 11 | 0.040 | 1.0 | |

7/8/25

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| SAMPLE NO. | |
|-------------|--|
| SKGW59-1014 | |

| Lab Name: GCAL | Contract: | | | | |
|--|-----------|------------------|-------------|-------------|---------|
| Lab Code: LA024 Case No.: | | SAS No.: | | SDG No.: 20 | 5061509 |
| Matrix: Water | | Lab Sample ID: | 2050615090 | 7 | |
| Sample wt/vol: Units: | | Lab File ID: 20 | 50623/U4218 | | |
| Level: (low/med) | | Date Collected: | 06/15/05 | Time: | 1310 |
| % Moisture: not dec. | | Date Received: | 06/16/05 | | |
| GC Column: DB-624-30M ID: .53 | (mm) | Date Analyzed: | 06/23/05 | Time: | 1230 |
| Instrument ID: MSV4 | | Dilution Factor: | 1 | Analyst | : RSP |
| Soil Extract Volume: | (µL) | | | | |
| Soil Aliquot Volume: | (µL) | | | | |
| | | | | | |
| Number TICs Found: 1 | | | | | |
| CONCENTRATION UNITS: | | | | | |
| CAS NO. COMPOUND | | RT | EST. | CONC. | Q |
| 1 . 1823-52-5 2-Oxetanone, 4,4-dimethyl- | | 1.957 | , | 947 | |

SAMPLE NO.

| SKGW61-1014 | |
|-------------|--|
| | |

| Lab Name: GCAL | Contract: | | | | | |
|----------------------|----------------------------|------------------|--|---------------|---------------|--------------|
| Lab Code: LA024 | Case No.: | SAS No.: | SDX | 3 No.: 205061 | 509 | |
| Matric (soil/water) | Water | | | | | |
| Sample wi/vol: 25 | (g/ml) mL | Lab Sample ID: | 20506150909 | ····· | | |
| Level: (low/med) | | Lab File ID: 20 | 50623/U4220 | | | |
| % Moisture: not dec | | Date Collected: | 06/15/05 | Time: 14 | M5 | |
| GC Column: DB-6 | 124-30M ID: .53 (mm) | Date Received: | 06/16/05 | | | |
| Instrument ID: MS | 5V4 | Date Analyzed: | 06/23/05 | Time: 13 | <u></u> | |
| Soil Extract Volume: | (µL) | Dilution Factor: | 1 | Anelyst: | RSP | |
| Sail Aliquot Valume | | | | | Batch: 294122 | |
| - | | Analytical Metho | | | <u></u> | |
| CONCENTRATIO | IN UNITS: Ug/L | • | | | | |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL | |
| 71-65-6 | 1,1,1-Trichlorosthene | 1 0 | U | 0.010 | 1.0 | ٦ |
| 79-34-5 | 1,1,2,2-Tetrachiorosthane | 10 | U | 0.010 | 1.0 | ┨ . |
| 79-00-5 | 1,1,2-Trichlorosthere | 1.0 | U | 0.010 | 1.0 | ٦. |
| 75-34-3 | 1,1-Dichlorosthane | 1.0 | U | 0.010 | 1.0 | 7 |
| 75-35-4 | 1,1-Dichloroethene | 1.3 | U | 0.010 | 1.0 | 7 |
| 120-82-1 | 1,2,4-Trichlorobenzene | • 5 | U | 0.010 | 1.0 | ┫ |
| 106-93-4 | 1,2-Dibromosthene | 1.3 | U | 0.010 | 1.0 | ヿ |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 0.010 | 1.0 | ┪ |
| 107-06-2 | 1,2-Dichloroethene | 1.3 | U | 0.010 | 1.0 | 7 |
| 540-59-0 | 1,2-Dichloroethene | 1.0 | - u | 0.010 | 1.0 | ┪ . |
| 78-87-5 | 1,2-Dichloropropene | 1) | | 0.010 | 1.0 | 1 |
| 541-73-1 | 1,3-Dichloroberzene | 1.7 | - - - - - - - - - - | 0.010 | 1.0 | \dashv |
| 106-46-7 | 1,4-Dichlorobenzene | 10 | | 0.010 | 1.0 | ┪ |
| 78-93-3 | 2-Butanone | 5.0 | - i - | 0.010 | 5.0 | R |
| 591-78-6 | 2-Heranone | 5.0 | | 0.010 | 5.0 | ⊣"` |
| 108-10-1 | 4-Methyl-2-pentanone | 5.0 | - i - | 0.010 | 5.0 | \dashv |
| 67-64-1 | Actions | 5 0 | | 0.010 | 5.0 | ่ ผ |
| 71-43-2 | Benzene | 10 | - [| 0.010 | 1.0 | ⊣" |
| 75-27-4 | Bromodichloromethane | | | 0.010 | 1.0 | - |
| 75-25-2 | Bramafarm | 1.0 | | 0.010 | 1.0 | - |
| 74-83-9 | Brumomethene | • : | U U | 0.010 | 1.0 | - |
| 75-15-0 | Carbon disulfide | 1.0 | | 0.010 | 1.0 | _ |
| 58-23-5 | Carbon tetrachloride | 1: | - | 0.010 | 1.0 | - - |
| 108-90-7 | Chlorobenzene | 1.2 | - | 0.010 | 1.0 | |
| 75-00-3 | | 1.2 | | 0.010 | | _ |
| | Chlorosthene Chloroform | | | | 1.0 | _ |
| 67-66-3 74-87-3 | | | U | 0.010 | 1.0 | _ |
| | Chloromethane | | U | 0.010 | 1.0 | _ |
| 124-48-1 | Dibromochioromethane | 1 (| <u> </u> | 0.010 | 1.0 | _ |
| 10061-01-5 | cis-1,3-Dichloropropene | 1: | U | 0.010 | 1.0 | _ |
| 10061-02-6 | trans-1,3-Dichloropropene | 1; | Ü | 0.010 | 1.0 | _ |
| 100-41-4 | Ethylbenzene | 10 | Ų | 0.010 | 1.0 | |

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FORM I VOA

| SAMPL | E NO |
|-------|------|
|-------|------|

SKGW61-1014

| Lab Name: GCAL C | Contract: | | | | |
|-------------------------------|-------------|-------------------|-------------|--|---------------|
| Lab Code: LA024 Case No.: | | SAS No.: | SI | OG No.: 205061 | 1509 |
| Matrix: (soil/water) Water | | - | | | |
| Sample wt/vol: 25 (g/ml) mL | | Lab Sample ID: | 20506150909 | | |
| Level: (low/med) | | Lab File ID: 20 | 50623/U4220 | ······································ | |
| % Moisture: not dec. | | Date Collected: | 06/15/05 | Time: _14 | 445 |
| GC Column: DB-624-30M ID: .53 | (mm) | Date Received: | 06/16/05 | | |
| Instrument ID: MSV4 | | Date Analyzed: | 06/23/05 | Time: _13 | 319 |
| Soil Extract Volume: | (µL) | Dilution Factor: | 1 | Analyst: | RSP |
| Soil Aliquot Volume: | | | | Analytical | Batch: 294122 |
| CONCENTRATION UNITS: ug/L | | Analytical Method | : OLCO 2.1 | | · |
| CAS NO. COMPOUND | | RESULT | Q | MDL | RL |
| 75-09-2 Methylene chloride | | 2.0 | U | 0.010 | 2.0 |
| 100-42-5 Styrene | | 1.0 | Ü | 0.010 | 1.0 |
| 127-18-4 Tetrachloroethene | | 1.0 | U | 0.010 | 1.0 |
| 108-88-3 Toluene | | 1.0 | U | 0.010 | 1.0 |
| 79-01-6 Trichloroethene | , | 1.0 | U | 0.010 | 1.0 |
| 75-01-4 Vinyl chloride | | 1.0 | U | 0.010 | 1.0 |
| 1330-20-7 Xviene (total) | | 10 | 1 0 1 | 0.010 | 1.0 |

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

SKGW61-1014

Lab Name: GCAL Contract: Case No.: SAS No.: SDG No.: 205061509 Lab Code: LA024 Matric Water Lab Sample ID: 20506150909 Sample wt/vol: Units: Lab File ID: 2050623/U4220 Time: 1445 Level: (low/med) Date Collected: 06/15/05 Date Received: 06/16/05 % Moisture: not dec. GC Column: DB-624-30M ID: .53 (mm) Date Analyzed: 06/23/05 Time: 1319 Instrument ID: MSV4 Dilution Factor: 1 Analyst: RJO Soil Extract Volume: _____ (µL) Soil Aliquot Volume: (µL) Number TICs Found: 0 **CONCENTRATION UNITS:** CAS NO. COMPOUND RT EST. CONC. Q

No tics detected

| SAMPLE | NO |
|--------|----|
|--------|----|

SKGW64-1014

| Lab Name: GC/ | AL Contract: | | | | |
|----------------------|---------------------------|-------------------|--------------------------|---------------------------------------|---------------|
| ab Code: LA02 | 24 Case No.: | SAS No.: | | SDG No.: 2050615 | 609 |
| latrix: (soil/water) | Water | | | | |
| ample wt/vol: | 25 (g/ml) mL | Lab Sample ID: | 2050615091 | 0 | |
| evel: (low/med) | | Lab File ID: 20 | 50623/U4223 | | |
| • | | Date Collected: | | Time: 00 | 15 |
| | 9C. | • | | Time: <u>09</u> - | N |
| SC Column: DB | -624-30M ID: _53 (mm) | Date Received: | 08/16/05 | | |
| nstrument ID: N | 1SV4 | Date Analyzed: | zed: 06/23/05 Time: 1458 | | 58 |
| ioil Extract Volum | ne: (µL) | Dilution Factor: | 1 | Analyst: | RSP |
| ioil Aliquot Volum | e: (μL) | | | | Batch: 294122 |
| | | Analytical Method | _ | | |
| CONCENTRAT | ION UNITS: ug/L | raialydoa Modioc | . 0000 2.1 | · · · · · · · · · · · · · · · · · · · | |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL |
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | T U | 0.010 | 1.0 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 0.010 | 1.0 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 0.010 | 1.0 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 0.010 | 1.0 |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 0.010 | 1.0 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 0.010 | 1.0 |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | U | 0.010 | 1.0 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 0.010 | 1.0 |
| 107-06-2 | 1,2-Dichloroethane | 1.0 | υ | 0.010 | 1.0 |
| 540-59-0 | 1,2-Dichloroethene | 1.0 | U | 0.010 | 1.0 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 0.010 | 1.0 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 0.010 | 1.0 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 0.010 | 1.0 |
| 78-93-3 | 2-Butanone | 5.0 | U | 0.010 | 5.0 |
| 591-78-6 | 2-Hexanone | 5.0 | U | 0.010 | 5.0 |
| 108-10-1 | 4-Methyl-2-pentanone | 5.0 | U | 0.010 | 5.0 |
| 67-64-1 | Acetone | 5.0 | Ū | 0.010 | 5.0 |
| 71-43-2 | Benzene | 1.0 | U | 0.010 | 1.0 |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 0.010 | 1.0 |
| 75-25-2 | Bromoform | 1.0 | υ | 0.010 | 1.0 |
| 74-83-9 | Bromomethane | 1.0 | U | 0.010 | 1.0 |
| 75-15-0 | Carbon disulfide | 1.0 | U | 0.010 | 1.0 |
| 56-23-5 | Carbon tetrachloride | 1.0 | U | 0.010 | 1.0 |
| 108-90-7 | Chlorobenzene | 1.0 | Ü | 0.010 | 1.0 |
| 75-00-3 | Chloroethane | 1.0 | U | 0.010 | 1.0 |
| 67-66-3 | Chloroform | 1.0 | U | 0.010 | 1.0 |
| 74-87-3 | Chloromethane | 1.0 | U | 0.010 | 1.0 |
| 124-48-1 | Dibromochloromethane | 1.0 | U | 0.010 | 1.0 |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U | 0.010 | 1.0 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U | 0.010 | 1.0 |
| 100-41-4 | Ethylbenzene | 1.0 | υ | 0.010 | 1.0 |

9/8/05"

FORM I VOA

| CAL | PIF | NO. |
|-----|-----|-------|
| 3/4 | | I NU. |

SKGW64-1014

| Lab Name: GC | AL | Contract: | | | _ | |
|---------------------|---------------------|-----------|-------------------|-------------|------------|--------------|
| Lab Code: LAC | 24 Case No: | | SAS No.: | SDG P | lo.: 20508 | 1509 |
| Astric (scil/water) | Water | | | | | |
| Sample wil/cit | 25 (g/ml) <u>mL</u> | | Lab Sample ID: | 20506150910 | | |
| evet: (low/med) | | | Lab File ID: 205 | 50623/U4223 | | |
| | BC | | Date Collected: | 06/15/05 | Time: 0 | 945 |
| | 3-824-30M ID: | | | 06/16/05 | | |
| nstrument ID: A | 45V4 | | Date Analyzed: | 06/23/05 | Time: 1 | 458 |
| | | | Dilution Factor: | 1 | Analyst | RSP |
| | ne: | | | | • | |
| | TON UNITS: Ug/L | | Analytical Method | I: OLCO 2.1 | | |
| CAS NO. | COMPOUND | | RESULT | Q | MDL | RL |
| 75-09-2 | Mathylene chloride | | 2.0 | U | 0.010 | 2.0 |
| 100-42-5 | Styrene | | 1.0 | υ | 0.010 | 1.0 |
| 127-18-4 | Tetrachloroethene | | 1.0 | U | 0.010 | 1.0 |
| 106-86-3 | Taluene | | 10 | U | 0.010 | 1.0 |
| 79-01-6 | Trichloroethene | | . 0 | U | 0.010 | 1.0 |
| 75-01-4 | Vinyl chloride | | • 0 | Ü | 0.010 | 1.0 |
| 1220 20.7 | Mileso Redail | | 4.3 | 1 11 | 0.040 | 10 |

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| SAMPLE NO. | |
|-------------|--|
| SKGW64-1014 | |

| Lab Name: GCAL | _Contract: | · | L., | · · · - | |
|--|------------|------------------|-------------|------------|---------|
| Lab Code: LA024 Case No.: | | SAS No.: | SD | G No.: 205 | 5061509 |
| Matrix: Water | | Lab Sample ID: | 20506150910 | | |
| Sample wt/vol: Units: | | Lab File ID: 20 | 50623/U4223 | ···· | |
| Level: (low/med) | | Date Collected: | 06/15/05 | Time: | 0945 |
| % Moisture: not dec. | · | Date Received: | 06/16/05 | | |
| GC Column: DB-624-30M ID: .53 | (mm) | Date Analyzed: | 06/23/05 | Time: | 1458 |
| Instrument ID: MSV4 | ····· | Dilution Factor: | 1 | Analyst | : RSP |
| Soil Extract Volume: | (µL) | | | | |
| Soil Aliquot Volume: | (µL) | | | | |
| Number TICs Found: 1 CONCENTRATION UNITS: CAS NO. COMPOUND | | RT | EST. CO | ONC | 0 |
| | | | | | Q |
| 1 . 110-62-3 Unknown | | 1.961 | 6.79 | 1 | |

SAMPLE NO.

| S | KGW63-1014 | |
|---|------------|--|
| | | |

| Lab Name: GC/ | VL Contract: | | | | |
|---------------------|--------------------------------------|-------------------|---|---------------|---------------|
| ab Code: LA02 | M4 Case No: | SAS No.: | SD | G No.: 205061 | 509 |
| Matrix (soll/water) | Water | | | | |
| Sample w6/volt 🙎 | 25 (g/ml) mL | Lab Sample ID: | 20506150911 | | |
| .evet: (low/med) | | Lab File ID: 205 | 50623/U4 22 5 | | |
| 6 Moisture: not de | | Date Collected: | 08/15/06 | Time: 10 | 25 |
| e monther not or | | Date Condition. | 00/13/05 | | |
| SC Column: DB | 1624-30M ID53 (mm) | Date Received: | 06/16/05 | | |
| nstrument ID: N | ISV4 | Date Analyzed: | 06/23/05 | Time: 15 | 47 |
| Soil Extract Volum | #c(μL) | Dilution Factor: | 1 | Analyst: | RSP |
| Soil Aliquot Volum | | Prep Batch: | | | Batch: 294122 |
| • | | Analytical Method | : OLCO 2.1 | | |
| CONCENTRATI | ION UNITS: ug/L | | | | |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL. |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | T U T | 0.010 | 1.0 |
| 79-34-5 | 1,1,2,2-Tetrachlorosthane | 1 3 | U | 0.010 | 1.0 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.3 | U | 0.010 | 1.0 |
| 75-34-3 | 1,1-Dichloroethene | 13 | U | 0.010 | 1.0 |
| 75-35-4 | 1,1-Dichloroethene | • 3 | Ü | 0.010 | 1.0 |
| 120-82-1 | 1,2,4-Trichlorobenzene | - 7 | U | 0.010 | 1.0 |
| 106-93-4 | 1,2-Dibromosthane | 1.0 | T U | 0.010 | 1.0 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 0.010 | 1.0 |
| 107-08-2 | 1,2-Dichloroethene | 10 | | 0.010 | 1.0 |
| 540-59-0 | 1,2-Dichloroethene | 1.0 | | 0.010 | 1.0 |
| 78-87-5 | 1,2-Dichloropropane | | 1 0 1 | 0.010 | 1.0 |
| 541-73-1 | 1,3-Dichlorobenzene | 1: | 1 0 | 0.010 | 1.0 |
| 108-46-7 | 1.4-Dichlorobenzene | 1.0 | 1 0 | 0.010 | 1.0 |
| 78-93-3 | 2-Butanone | 5 C | U | 0.010 | 5.0 |
| 591-78-6 | 2-Hasanone | 5 0 | · · · | 0.010 | 5.0 |
| 108-10-1 | 4-Methyl-2-pentanone | 5 0 | - u | 0.010 | 5.0 |
| 67-64-1 | Acetone | 5.0 | U | 0.010 | 5.0 |
| 71-43-2 | Benzane | 0.13 | <u>_</u> | 0.010 | 1.0 |
| 75-27-4 | Bromodichloromethene | 10 | - Ū | 0.010 | 1.0 |
| 75-25-2 | Bromoform | 1.0 | U | 0.010 | 1.0 |
| 74-83-0 | Bramamethene | 1: | - | 0.010 | 1.0 |
| 75-15-0 | Carbon disulfide | 10 | _ | 0.010 | 1.0 |
| 56-23-5 | Carbon Istrachloride | 1: | - - | 0.010 | 1.0 |
| 108-90-7 | Chlorobenzene | 1.0 | - U | 0.010 | 1.0 |
| 75-00-3 | Chloroshene | 1.5 | <u>_</u> | 0.010 | 1.0 |
| 67-66-3 | Chloroform | | | 0.010 | 1.0 |
| 74-87-3 | | | <u>U</u> | 0.010 | |
| 124-48-1 | Childramethere Dibramochiloromethere | 1 5 | <u>U</u> | 0.010 | 1.0 |
| | | | | | 1.0 |
| 10061-01-5 | cis-1,3-Dichloropropere | 1.5 | LI. | 0.010 | 1.0 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.5 | L! | 0.010 | 1.0 |
| 100-41-4 | Ethylbenzene | • • | <u> </u> | 0.010 | 1.0 |

9/8/05

| SAMPL | E NO |
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|-------|------|

| SKGW63-1014 | |
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| | |

| Lab Name: GCAL Co | ntract: | | | | |
|---|---------|------------------|-------------|--|--------|
| Lab Code: LA024 Case No.: | · ; | SAS No.: | SI | OG No.: 205 | 061509 |
| Matrix: (soil/water) Water | | | | | |
| Sample wt/vol: 25 (g/ml) mL | | Lab Sample ID: | 20506150911 | | |
| Level: (low/med) | | Lab File ID: 205 | 0623/U4225 | | |
| % Moisture: not dec. | | Date Collected: | 06/15/05 | Time: | 1035 |
| GC Column: DB-624-30M ID: .53 | (mm) | Date Received: | 06/16/05 | | |
| Instrument ID: MSV4 | | Date Analyzed: | 06/23/05 | Time: | 1547 |
| Soil Extract Volume: (μL) Soil Aliquot Volume: (μL) | | | | Analyst: RSP Analytical Batch: 294122 | |
| | | | | | |
| CAS NO. COMPOUND | | RESULT | Q | MDL | RL. |
| 75-09-2 Methylene chloride | | Ð.0 .0.035° | J | 0.010 | 2.0 |
| 100-42-5 Styrene | | 1.0 | U | 0.010 | 1.0 |
| 127-18-4 Tetrachloroethene | | 1.0 | U | 0.010 | 1.0 |
| 108-88-3 Toluene | | 1.0 | U | 0.010 | 1.0 |
| 79-01-6 Trichloroethene | | 1.0 | U | 0.010 | 1.0 |
| 75-01-4 Vinyl chloride | | 1.0 | U | 0.010 | 1.0 |
| 1330-20-7 Xviene (total) | | 1.0 | Ü | 0.010 | 1.0 |

918/0 =

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| 01/01/00 4044 | |
|---------------|--|
| SKGW63-1014 | |
| 0101100-1014 | |
| | |

| Lab Name: GCAL (| Contract: | | | |
|---|-------------|------------------|----------------|----------|
| Lab Code: LA024 Case No.: | | SAS No.: | SDG No.: 2 | 05061509 |
| Matric Water | | Lab Sample ID: | 20506150911 | |
| Sample wt/vol: Units: | ···· | Lab File ID: 205 | 50623/U4225 | |
| Level: (low/med) | | Date Collected: | 06/15/05 Time: | 1035 |
| % Moisture: not dec. | | Date Received: | 06/16/05 | |
| GC Column: DB-624-30M ID: .53 | (mm) | Date Analyzed: | 06/23/05 Time: | 1547 |
| Instrument ID: MSV4 | <u></u> | Dilution Factor: | 1 Analys | st: RSP |
| Soil Extract Volume: | _ (µL) | | | |
| Soil Aliquot Volume: | (µL) | | | |
| Number TICs Found: 4 CONCENTRATION UNITS: | | | | |
| CAS NO. COMPOUND | | RT | EST. CONC. | Q |
| 1 . 2919-23-5 Unknown | | 1.966 | 6.34 | |
| 2. 78-78-4 Unknown | | 2.388 | 1.27 | |
| 3. 109-66-0 Unknown | | 2.616 | .853 | |

2.845

1.53

Unknown

4. 60-29-7

SAMPLE NO.

| | 2A-1014 |
|--|---------|
| | |
| | |

| _ab Name: _GC/ | AL Contract: | | | | |
|----------------------|---------------------------|--------------------|--|------------------|-------------|
| ab Code: LA02 | | SAS No.: | s | DG No.: 20506150 | 9 |
| latrix: (soil/water) | | Late Occupie ID: | 00500450046 | | |
| ample wt/vol: _2 | 25 (g/ml) <u>mL</u> | Lab Sample ID: | 20506150912 | ! | |
| evel: (low/med) | | Lab File ID: 205 | 0623/U4226 | | |
| 6 Moisture: not de | эс. | Date Collected: | 06/15/05 | Time: 1130 | |
| | 1-624-30M ID: .53 (mm) | Date Received: | 06/16/05 | | |
| | | • | | T 1 | |
| nstrument ID: N | 1SV4 | Date Analyzed: | 06/23/05 | Time: 1611 | |
| oil Extract Volum | ne: (µL) | Dilution Factor: | 1 | Analyst: R | SP |
| oil Aliquot Volum | ne: (µL) | Prep Batch: | | Analytical Ba | tch: 294122 |
| CONCENTRAT | ION UNITS: ug/L | Analytical Method: | OLCO 2.1 | | |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL |
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | T 0 T | 0.010 T | 1.0 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | 1 0 | 0.010 | 1.0 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | | 0.010 | 1.0 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | 1 i 1 | 0.010 | 1.0 |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | 1 0 | 0.010 | 1.0 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | | 0.010 | 1.0 |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | | 0.010 | 1.0 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | | 0.010 | 1.0 |
| 107-06-2 | 1,2-Dichloroethane | 1.0 | Ü | 0.010 | 1.0 |
| 540-59-0 | 1,2-Dichloroethene | 1.0 | U | 0.010 | 1.0 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | | 0.010 | 1.0 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | 1 0 1 | 0.010 | 1.0 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 0.010 | 1.0 |
| 78-93-3 | 2-Butanone | 5.0 | U | 0.010 | 5.0 |
| 591-78-6 | 2-Hexanone | 5.0 | U | 0.010 | 5.0 |
| 108-10-1 | 4-Methyl-2-pentanone | 5.0 | U | 0.010 | 5.0 |
| 67-64-1 | Acetone | 5.0 | Ü | 0.010 | 5.0 |
| 71-43-2 | Benzene | 1.0 | U | 0.010 | 1.0 |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 0.010 | 1.0 |
| 75-25-2 | Bromoform | 1.0 | U | 0.010 | 1.0 |
| 74-83-9 | Bromomethane | 1.0 | U | 0.010 | 1.0 |
| 75-15-0 | Carbon disulfide | 1.0 | U | 0.010 | 1.0 |
| 56-23-5 | Carbon tetrachioride | 1.0 | U | 0.010 | 1.0 |
| 108-90-7 | Chlorobenzene | 1.0 | U | 0.010 | 1.0 |
| 75-00-3 | Chloroethane | 1.0 | U | 0.010 | 1.0 |
| 67-66-3 | Chloroform | 1.0 | U | 0.010 | 1.0 |
| 74-87-3 | Chloromethane | 1.0 | U | 0.010 | 1.0 |
| 124-48-1 | Dibromochloromethane | 1.0 | U | 0.010 | 1.0 |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U | 0.010 | 1.0 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U | 0.010 | 1.0 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 0.010 | 1.0 |

7/8/05

FORM I VOA

SAMPLE NO.

SKGW62A-1014

| Lab Name: GCAL | Contract: | | · | | |
|-----------------------------|-----------|-----------------------|---------------------|---------------|---------------|
| ab Code: LA024 Case | No: | SAS No.: | SD | G No.: 205061 | 509 |
| Matric (scil/water) Water | | - | | | |
| Sample withot: 25 (g/ml) | mL | Lab Samole ID: | 20506150912 | | |
| evel: (low/med) | | Lab File ID: 205 | 50623/U4 226 | | |
| K Maisture: not dec. | | Date Collected: | 06/15/05 | Time: _11 | 30 |
| GC Calumri: DB-624-30M | | Date Received: | 06/16/05 | | |
| nstrument ID: MSV4 | | Date Analyzed: | 06/23/05 | Time: _16 | 11 |
| Soil Extract Volume: (µL) | | .) Dilution Factor: 1 | 1 | Analyst: RSP | |
| Soil Aliquot Valume: | (µL) | Prep Batch: | | Analytical | Batch: 294122 |
| CONCENTRATION UNITS: ug/L | | Analytical Method | OLCO 2.1 | | |
| CAS NO. COMPOUND | | RESULT | Q | MDL | RL |
| 75-09-2 Mothylane chlorid | le | 2.0 | U | 0.010 | 2.0 |
| 100-42-5 Styrene | | 1.0 | U | 0.010 | 1.0 |
| 127-18-4 Tetrachloroethen | · | 1.0 | U | 0.010 | 1.0 |
| 108-88-3 Toluene | | 10 | U | 0.010 | 1.0 |
| 79-01-6 Trichlorosthene | | 1.0 | U | 0.010 | 1.0 |
| 75-01-4 Vinyl chloride | | | U | 0.010 | 1.0 |
| 1330-20-7 Xylane (total) | | 1.0 | Ü | 0.010 | 1.0 |

1E **VOLATILE ORGANICS ANALYSIS DATA SHEET** TENTATIVELY IDENTIFIED COMPOUNDS

| SAMPLE NO. | |
|------------|--|
|------------|--|

| | \-101 4 | |
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| | | |
| | | |
| | | |

| Lab Name: GCAL | Contract: | | | • |
|-------------------------------|-----------|------------------|-------------|--------------------|
| Lab Code: LA024 Case No.: | | SAS No.: | | SDG No.: 205061509 |
| Matrix: Water | | Lab Sample ID: | 20506150912 | |
| Sample wt/vol: Units: | | Lab File ID: 205 | 50623/U4226 | |
| Level: (low/med) | | Date Collected: | 06/15/05 | Time: 1130 |
| % Moisture: not dec. | | Date Received: | 06/16/05 | |
| GC Column: DB-624-30M ID: .53 | (mm) | Date Analyzed: | 06/23/05 | Time: 1611 |
| Instrument ID: MSV4 | | Dilution Factor: | 1 | Analyst: RSP |
| Soil Extract Volume: | (μL) | | | |
| Soll Aliquot Volume: | (µL) | | | |

Number TICs Found: 3

CONCENTRATION UNITS:

| | CAS NO. | COMPOUND | RT | EST. CONC. | Q |
|----|-----------|----------|-------|------------|---|
| 1. | 2919-23-5 | Unknown | 1.965 | 6.15 | |
| 2. | 2919-23-5 | Unknown | 2.387 | .834 | |
| 3. | 109-66-0 | Unknown | 2.621 | 1.15 | |

SAMPLE NO.

SKGW60-1014

| Lab Name: GCAL | Contract: | | | | |
|---------------------------|----------------------------------|-------------------|----------------------|----------------|---------------|
| ab Code: LA024 | | | SI | DG No.: 20506 | 509 |
| Matric (soil/water) Water | . 4. 2 | - | 00500450004 | | |
| Sample withol: 25 (g | ymi) <u>mL</u> | Lab Sample ID: | 20506150921 | ··- | |
| .evel: (lowlmed) | | Lab File ID: 20 | 050623/U4228 | | |
| K Moisture: not dec. | | Date Collected: | 06/16/05 | Time: _1: | 335 |
| 3C Calumn: DB-624-30M | ID: .53 (mr | m) Date Received: | 06/17/05 | | |
| nstrument ID: MSV4 | | | 06/23/05 | Time: 10 | 559 |
| Soil Extract Volume: | (1) | - | | Analyst | |
| | | | | | |
| Sail Aliquat Valume: | { µ | L) Prep Batch: | | Analyscal | Batch: 294122 |
| CONCENTRATION UNITS: | ugL | Analytical Metho | od: <u>OLCO 2.1</u> | | |
| CAS NO. COMPO | UND | RESULT | Q | MDL | RL |
| 71-55-8 1,1,1-Tricl | hiorosthene | 1.0 | U | 0.010 | 1.0 |
| | strachloroethane | 1.0 | U | 0.010 | 1.0 |
| 79-00-5 1,1,2-Trick | hioroethene | 10 | | 0.010 | 1.0 |
| 75-34-3 1,1-Dichlo | | • 3 | U | 0.010 | 1.0 |
| 75-35-4 1,1-Dichlo | roshene | 1 3 | υ | 0.010 | 1.0 |
| 120-82-1 1.2.4-Trick | hiorobenzene | • 5 | U U | 0.010 | 1.0 |
| 106-93-4 1,2-Dibror | moethene | 1.0 | U | 0.010 | 1.0 |
| | orobenzene | | U | 0.010 | 1.0 |
| 107-06-2 1,2-Dichlo | prosthene | . 9 | U | 0.010 | 1.0 |
| 540-59-0 1,2-Dichlo | roethene | .0 | Ü | 0.010 | 1.0 |
| 78-87-5 1,2-Dichlo | propropane | •.5 | ט | 0.010 | 1.0 |
| 541-73-1 1,3-Dichlo | robenzene | - 5 | U U | 0.010 | 1.0 |
| 106-46-7 1,4-Dichlo | probenzene | . 0 | υ | 0.010 | 1.0 |
| 78-93-3 2-Butanon | 10 | 5.0 | U I | 0.010 | 5.0 |
| 591-78-6 2-Hexanor | ne | 5.0 | U | 0.010 | 5.0 |
| 108-10-1 4-Methyl-2 | 2-pentanone | 5.0 | U | 0.010 | 5.0 |
| 67-64-1 Acetone | | 5.0 | U | 0.010 | 5.0 |
| 71-43-2 Benzene | ·· | 0.383 | J | 0.010 | 1.0 |
| 75-27-4 Bromodic | hioromethane | • 0 | U | 0.010 | 1.0 |
| 75-25-2 Bromoform | n | 1.0 | U | 0.010 | 1.0 |
| 74-83-9 Bromomet | thene | 1.3 | U | 0.010 | 1.0 |
| 75-15-0 Carbon de | | 10 | U | 0.010 | 1.0 |
| | trachloride | - 0 | Ü | 0.010 | 1.0 |
| 108-90-7 Chloroben | | • 5 | Ü | 0.010 | 1.0 |
| 75-00-3 Chiloroeth | | . 3 | U | 0.010 | 1.0 |
| 67-86-3 Chloroforn | | .0 | U | 0.010 | 1.0 |
| 74-87-3 Chioromei | | • 0 | Ü | 0.010 | 1.0 |
| | hiaramethene | | l ŭ l | 0.010 | 1.0 |
| | | | | | <u> </u> |
| 110061-01-5 lcis-1.3-Dia | chloropropere | • 0 | U | 0.010 | 1.0 |
| | chlarapropene Dichlarapropene | • 0 | U | 0.010 0.010 | 1.0 |

عنه عنه

| SAMPLE | NO. |
|--------|------|
| | |
| CKCMED | 1014 |

| Lab Name: GCAL | Cor | ntract: | | | | | |
|----------------------------|----------------|---------|-------------------|------------|---------------|---------------|-------|
| Lab Code: LA024 (| Case No.: | | SAS No.: | S | DG No.: 20506 | 1509 | |
| Matrix: (soil/water) Water | | | | | | | |
| Sample wt/vol: 25 (g/m | il) <u>mL</u> | | Lab Sample ID: | 2050615092 | | | |
| Level: (low/med) | | | Lab File ID: 205 | 0623/U4228 | | | |
| At Martin and Jan | | | Date Collected: | 06/16/05 | Time: _1 | 1335 | |
| GC Column: DB-624-30M | ID: <u>.53</u> | (mm) | Date Received: | 06/17/05 | | | |
| Instrument ID: MSV4 | | | Date Analyzed: | 06/23/05 | Time: _1 | 1659 | |
| Soil Extract Volume: | | (µL) | Dilution Factor: | 1 | Analyst: | RSP | |
| Soil Aliquot Volume: | | (µL) | Prep Batch: | | Analytica | Batch: 294122 | |
| CONCENTRATION UNITS: U | ıg/L | | Analytical Method | : OLCO 2.1 | ······ | | |
| CAS NO. COMPOUN | ID | | RESULT | Q | MDL | RL | |
| 75-09-2 Methylene ch | nloride | | 2.0000 | J | 0.010 | 2.0 | Ju |
| 100-42-5 Styrene | | | 1.0 | U | 0.010 | 1.0 | ٦ ` ` |
| 127-18-4 Tetrachloroe | thene | | 1.0 | U | 0.010 | 1.0 | |
| 108-88-3 Toluene | | | 1.0 | U | 0.010 | 1.0 | ┑ |
| 79-01-6 Trichloroethe | ene | | 1.0 | U | 0.010 | 1.0 | |
| 75-01-4 Vinyl chloride | • | | 1.0 | U | 0.010 | 1.0 | ┪ |
| 1330-20-7 Xylene (total) | | | 1.0 | 1 0 1 | 0.010 | 1.0 | ╗ |

9/8/25

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| SAMPLE NO. | |
|-------------|--|
| SKGW60-1014 | |

| Lab Name: GCAL | _Contract: | | L | |
|-------------------------------|------------|------------------|----------------|--|
| Lab Code: LA024 Case No.: | | SAS No.: | SDG1 | No.: 205061509 |
| Metric Water | | Lab Sample ID: | 20506150821 | |
| Sample wt/vol: Units: | | Lab File ID: 20 | 50623/U4228 | براجين المساورين الم |
| Level: (low/med) | | Date Collected: | 06/16/05 | Time: 1335 |
| % Moisture: not dec. | | Date Received: | 06/17/05 | |
| GC Column: DB-624-30M ID: .53 | (mm) | Date Analyzed: | 06/23/05 | Time: <u>1659</u> |
| Instrument ID: MSV4 | | Dilution Factor. | 1 | Analyst: RSP |
| Soil Extract Volume: | (µL) | | | |
| Soil Aliquot Volume: | (µL) | | | |
| Number TICs Found: 0 | | | | |
| CONCENTRATION UNITS: | | | 507 001 | 60 |
| CAS NO. COMPOUND | | RT | EST. COA | IC. Q |
| 1. No tics detected | | | 1 | |

| SAMPLE | NO. |
|--------|-----|
|--------|-----|

| SKGW58-1014 | _ |
|-----------------|---|
| | |

| Lab Name: GC | AL Contr | act: | | | | | |
|---------------------|---------------------------|--------|-------------------|-------------|-----------------|----------------|-----|
| Lab Code: LA0 | 24 Case No.: | , | SAS No.: | s | SDG No.: 205061 | 509 | |
| Matrix (soil/water) |) Water | | | | | | |
| Sample wt/vol: | 25 (g/ml) mL | | Lab Sample ID: | 20506150922 | 2 | | |
| Level: (low/med) | | | Lab File ID: 205 | 50622/U4204 | | | |
| % Moisture: not d | | | Date Collected: | 06/16/05 | Time: 10 | 005 | |
| GC Column: DE | 3-624-30M ID: .53 | (mm) | Date Received: | 06/17/05 | | | |
| Instrument ID: N | | | Date Analyzed: | 06/22/05 | Time: 17 | | |
| Soil Extract Volum | | (µL) | • | 1 | | | |
| Soil Aliquot Volum | | • | Prep Batch: | ··· | | Batch: 294018 | |
| Soil Ailquot voiult | IG. | (µL) | • | | | Dalcii, 294016 | _ |
| CONCENTRAT | TION UNITS: ug/L | | Analytical Method | : OLCO 2.1 | | | |
| CAS NO. | COMPOUND | | RESULT | Q | MDL | RL | |
| 71-55-6 | 1,1,1-Trichloroethane | | 1.0 | T U T | 0.010 | 1.0 | ٦ |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | | 1.0 | U | 0.010 | 1.0 | 7 |
| 79-00-5 | 1,1,2-Trichloroethane | | 1.0 | U | 0.010 | 1.0 | 1 |
| 75-34-3 | 1,1-Dichloroethane | | 1.0 | U | 0.010 | 1.0 | 7 |
| 75-35-4 | 1,1-Dichloroethene | | 1.0 | U | 0.010 | 1.0 | 7 |
| 120-82-1 | 1,2,4-Trichlorobenzene | | 1.0 | U | 0.010 | 1.0 | 7 |
| 106-93-4 | 1,2-Dibromoethane | | 1.0 | U | 0.010 | 1.0 | 7 |
| 95-50-1 | 1,2-Dichlorobenzene | | 1.0 | U | 0.010 | 1.0 | 7 |
| 107-06-2 | 1,2-Dichloroethane | | 1.0 | U | 0.010 | 1.0 | 7 |
| 540-59-0 | 1,2-Dichloroethene | | 1.0 | U | 0.010 | 1.0 | 7 |
| 78-87-5 | 1,2-Dichloropropane | | 1.0 | U | 0.010 | 1.0 | 7 |
| 541-73-1 | 1,3-Dichlorobenzene | | 1.0 | J U | 0.010 | 1.0 | 7 |
| 106-46-7 | 1,4-Dichlorobenzene | | 1.0 | U | 0.010 | 1.0 | 7 |
| 78-93-3 | 2-Butanone | | 5.0 | U | 0.010 | 5.0 | 78 |
| 591-78-6 | 2-Hexanone | | 5.0 | U | 0.010 | 5.0 | ٦ ٔ |
| 108-10-1 | 4-Methyl-2-pentanone | | 5.0 | U | 0.010 | 5.0 | 7 |
| 67-64-1 | Acetone | | 5.0 | U | 0.010 | 5.0 | 78 |
| 71-43-2 | Benzene | | 1.0 | U | 0.010 | 1.0 |] |
| 75-27-4 | Bromodichloromethane | | 1.0 | U | 0.010 | 1.0 |] |
| 75-25-2 | Bromoform | | 1.0 | U | 0.010 | 1.0 |] |
| 74-83-9 | Bromomethane | | 1.0 | U | 0.010 | 1.0 | _ |
| 75-15-0 | Carbon disulfide | | 1.0 | U | 0.010 | 1.0 |] |
| 56-23-5 | Carbon tetrachloride | | 1.0 | U | 0.010 | 1.0 | |
| 108-90-7 | Chlorobenzene | | 1.0 | U | 0.010 | 1.0 | _ |
| 75-00-3 | Chloroethane | | 1.0 | U | 0.010 | 1.0 | _ |
| 67-66-3 | Chloroform | | 1.0 | U | 0.010 | 1.0 | |
| 74-87-3 | Chloromethane | | 1.0 | U | 0.010 | 1.0 | |
| 124-48-1 | Dibromochioromethane | | 1.0 | U | 0.010 | 1.0 | |
| 10061-01-5 | cls-1,3-Dichloropropene | | 1.0 | U | 0.010 | 1.0 | _ |
| 10061-02-6 | trans-1,3-Dichloropropene | | 1.0 | U | 0.010 | 1.0 | |
| 100-41-4 | Ethylbenzene | | 1.0 | l ll l | 0.010 | 1.0 | -Ţ |

9/8/05

FORM I VOA

| SAMP | 1 F NO |
|------|--------|
| ~ | UL 140 |

SKGW58-1014

| Lab Name: GCAL | co | ntract: | | | | |
|----------------------|--------------------|---------|-------------------|-------------|---------------|----------------------|
| Lab Code: LA024 | Case No | | SAS No.: | SDC | 3 No.: 205061 | 509 |
| Matric (soll/water) | Water | | | | | |
| Sample wit/volt 25 | (g/ml) mL | | Lab Sample ID: | 20506150922 | | |
| evel: (low/med) _ | | | Lab File ID: 205 | 0622/1/4204 | | |
| 6 Maisture: not dec | | | Date Collected: | 06/16/05 | Time: _10 | 005 |
| C Column: DB-6 | 24-30M ID: .53 | (mm) | Date Received: | 06/17/05 | | |
| nstrument ID: MS | V4 | | Date Analyzed: | 06/22/05 | Time: _17 | 714 |
| ioil Extract Volume: | | (µL) | Dilution Factor: | 1 | Analyst: | RSP |
| iail Aliquat Valume: | | (µL) | Prep Batch: | | Analytical | Batch: <u>294018</u> |
| CONCENTRATIO | N UNITS: ug/L | | Analytical Method | OLCO 2.1 | | |
| CAS NO. | COMPOUND | | RESULT | Q | MDL | RL |
| 75-09-2 | Mathylane chloride | | 20 | U | 0.010 | 2.0 |
| 100-42-5 | Styrene | | . 3 | U | 0.010 | 1.0 |
| 127-18-4 | Tetrachloroethene | | • 5 | U | 0.010 | 1.0 |
| 108-88-3 | Taluane | | ٠ ٦ | U | 0.010 | 1.0 |
| 79-01-6 | Trichloroethene | | - 0 | U | 0.010 | 1.0 |
| 75-01-4 | Vinyl chlaride | | . 0 | U | 0.010 | 1.0 |
| 1222 20 7 | M 4 A A | | 1.0 | 1 | 0.040 | 1 40 |

1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO. SKGW58-1014

| Lab Name: GCAL | Contract: | | | | |
|---|--------------|------------------|-------------|--|---------|
| Lab Code: LA024 Case No.: | | SAS No.: | SDG | No.: 205 | 5061509 |
| Matrix: Water | / | Lab Sample ID: | 20506150922 | | |
| Sample wt/vol: Units: | | Lab File ID: 20 | 50622/U4204 | ······································ | |
| Level: (low/med) | | Date Collected: | 06/16/05 | Time: | 1005 |
| % Moisture: not dec. | | Date Received: | 06/17/05 | | |
| GC Column: DB-624-30M ID: .53 | (mm) | Date Analyzed: | 06/22/05 | Time: | 1714 |
| Instrument ID: MSV4 | | Dilution Factor: | 1 | Analyst | RSP |
| Soil Extract Volume: | (µL) | | | | |
| Soil Aliquot Volume: | (μL) | | | | |
| Number TICs Found: 1 CONCENTRATION UNITS: | | | | | |
| CAS NO. COMPOUND | | RT | EST. COM | VC. | Q |
| 1. 1823-52-5 Unknown | | 1.948 | 4.15 | | |

| Lab Name: GCAL | Sample ID: SKGW06 | R-1014 | |
|--|------------------------|--------------|--------|
| Lab Code: LA024 Case No.: | Contract: | | |
| SAS No.: SDG No.: 205061509 | Lab File ID: 2050714/ | 80323 | - |
| Matrix Water | Lab Sample ID: 2050 | 5150901 | |
| Sample wt/vol: 1000 Units: mL | Date Collected: 06/14 | /05 Time: 15 | 15 |
| Level: (low/med) LOW | Date Received: 06/15 | <i>1</i> 05 | |
| % Moisture: decanted: (Y'N) | Date Extracted: 06/20 | <i>1</i> 05 | |
| GC Column: DB-5MS-30M ID: _25 (mm) | Date Analyzed: 07/14 | /05 Time: 12 | 41 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 | Analyst | JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: OLM4. | 2 SVOA | |
| | Analytical Method: Of | MO 4.2 | |
| GPC Cleanup: (Y/N) N pH: | Instrument ID: MSSV3 | | |
| CONCENTRATION UNITS: ug/L | Prep Batch: 293939 | | 295505 |
| CAS NO. COMPOUND | RESULT Q | MDL | RL. |
| CAS NO. COMPOUND | KESULI Q | MUL | |
| 95-95-4 2,4,5-Trichlorophenol | 10.0 U | 0.010 | 10.0 |
| 88-06-2 2,4,6-Trichlorophenol | •0.0 U | 0.010 | 10.0 |
| 120-83-2 2,4-Dichlaraphenol | 10.0 U | 0.010 | 10.0 |
| 51-28-5 2,4-Dinitrophenol | 25.0 U | 0.010 | 25.0 |
| 121-14-2 2,4-Dinitrotoluene | 10.0 U | 0.010 | 10.0 |
| 606-20-2 2,6-Dinitrotoluene | 19.0 U | 0.010 | 10.0 |
| 91-58-7 2-Chloronaphthalene | 10.0 U | 0.010 | 10.0 |
| 95-57-8 2-Chlorophenol | 10.0 U | 0.010 | 10.0 |
| 91-57-6 2-Methylnaphthalene | 10.C U | 0.010 | 10.0 |
| 88-74-4 2-Nitroaniline | 25 .0 U | 0.010 | 25.0 |
| 88-75-5 2-Nitrophenol | 10.C U | 0.010 | 10.0 |
| 91-94-1 3,3'-Dichlorobenzid ne | 1 0 .0 U | 0.010 | 10.0 |
| 99-09-2 3-Nitroaniline | 25.0 U | 0.010 | 25.0 |
| 534-52-1 2-Methyl-4,6-din/trophenol | 25.C U | 0.010 | 25.0 |
| 59-50-7 4-Chloro-3-methytohenol | 10.0 U | 0.010 | 10.0 |
| 106-47-8 4-Chloroaniline | 10.0 U | 0.010 | 10.0 |
| 7005-72-3 4-Chlorophenyt-phenylether | 10.0 U | 0.010 | 10.0 |
| 106-44-5 4-Methylphenol :p-Cresol) | 10.0 U | 0.010 | 10.0 |
| 83-32-9 Acenaphthene | 10 0 U | 0.010 | 10.0 |
| 208-96-8 Acenaphthylene | 10.0 U | 0.010 | 10.0 |
| 120-12-7 Anthracene | :0.0 U | 0.010 | 10.0 |
| 56-55-3 Benzo(a)anthracene | 10.0 U | 0.010 | 10.0 |
| 50-32-8 Benzo(a)pyrene | 10.0 U | 0.010 | 10.0 |
| 205-99-2 Benzo(b)fluoranthene | 10.0 | 0.010 | 10.0 |
| 191-24-2 Benzo(g,h,i)pery:ene | 1.02 | 0.010 | 10.0 |
| 207-08-9 Benzo(k)fluoranthene | 10.0 U | 0.010 | 10.0 |
| 111-91-1 Bis(2-Chloroethoxy)methane | 10.0 | 0.010 | 10.0 |
| 111-44-4 Bis(2-Chloroethy) lether | 10.0 U | 0.010 | 10.0 |
| 108-60-1 bis(2-Chlorous peropyl)ether | 10.0 U | 0.010 | 10.0 |
| | | | |

| Lab Name: GC | CAL | Sample ID: | SKGW06R- | 1014 | | |
|------------------|----------------------------|-----------------|------------------|---------------|--------------|------------|
| Lab Code: LA0 | 024 Case No.: | Contract: | | | | |
| SAS No.: | SDG No.: 205061509 | Lab File ID: _2 | 2050714/B0 | 323 | | |
| Matrix: Water | | Lab Sample II | D: <u>205061</u> | 50901 | | |
| Sample wt/vol: | 1000 Units: mL | Date Collected | d: 06/14/0 | 5 Time: | 1515 | |
| Level: (low/med) | LOW | Date Received | d: 06/15/0 | 5 | | |
| % Moisture: | decanted: (Y/N) | Date Extracted | d: 06/20/0 | 5 | | |
| GC Column: Di | B-5MS-30M ID: .25 (mm) | Date Analyzed | 1: 07/14/0 | 5 Time | : 1241 | |
| Concentrated Ex | tract Volume: 1000 (µL) | Dilution Factor | : <u>1</u> | Analy | yst: JAR3 | |
| | : (µL) | Prep Method: | OLM4.2 S | VOA | | |
| | //N) N pH: | Analytical Met | hod: OLM | O 4.2 | | ····· |
| | | Instrument ID: | MSSV3 | | | |
| CONCENTRATIO | ON UNITS: ug/L | Prep Batch: | 293939 | Analytical Ba | itch: 295505 | _ |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL | _ |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 10.0546 | JB | 0.010 | 10.0 | ٦L |
| 101-55-3 | 4-Bromophenyl-phenylether | 10.0 | U | 0.010 | 10.0 | ٦ ٔ |
| 85-68-7 | Butylbenzylphthalate | 10.0 | U | 0.010 | 10.0 | ٦ |
| 86-74-8 | Carbazole | 10.0 | U | 0.010 | 10.0 | 1 |
| 218-01-9 | Chrysene | 10.0 | U | 0.010 | 10.0 | 1 |
| 84-74-2 | Di-n-butylphthalate | 10. CQ.878 | JB | 0.010 | 10.0 | ∃u |
| 117-84-0 | Di-n-octylphthalate | 10.0 | U | 0.010 | 10.0 | 1 ~ |
| 53-70-3 | Dibenz(a,h)anthracene | 0.652 | J | 0.010 | 10.0 | 1 |
| 132-64-9 | Dibenzofuran | 10.0 | U | 0.010 | 10.0 | 1 |
| 84-66-2 | Diethylphthalate | 10.0 | U | 0.010 | 10.0 | 1 |
| 131-11-3 | Dimethyl-phthalate | 10.0 | U | 0.010 | 10.0 | 1 |
| 105-67-9 | 2,4-Dimethylphenol | 10.0 | U | 0.010 | 10.0 | 1 |
| 206-44-0 | Fluoranthene | 10.0 | U | 0.010 | 10.0 | 1 |
| 86-73-7 | Fluorene | 10.0 | U | 0.010 | 10.0 | 1 |
| 118-74-1 | Hexachlorobenzene | 10.0 | U | 0.010 | 10.0 | 1 |
| 87-68-3 | Hexachlorobutadiene | 10.0 | U | 0.010 | 10.0 | 1 |
| 77-47-4 | Hexachlorocyclopentadiene | 10.0 | U | 0.010 | 10.0 | 1 |
| 67-72-1 | Hexachloroethane | 10.0 | U | 0.010 | 10.0 | 1 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.502 | J | 0.010 | 10.0 | 1 |
| 78-59-1 | Isophorone | 10.0 | υ | 0.010 | 10.0 | 1 |
| 91-20-3 | Naphthalene | 10.0 | U | 0.010 | 10.0 | 1 |
| 100-01-6 | 4-Nitroaniline | 25.0 | U | 0.010 | 25.0 | 1 |
| 98-95-3 | Nitrobenzene | 10.0 | U | 0.010 | 10.0 | 1 |
| 100-02-7 | 4-Nitrophenol | 25.0 | U | 0.010 | 25.0 | 1 |
| 87-86-5 | Pentachlorophenol | 25.0 | C | 0.010 | 25.0 | 1 |
| 85-01-8 | Phenanthrene | 10.0 | U | 0.010 | 10.0 | 1 |
| 108-95-2 | Phenol | 10.0 | U | 0.010 | 10.0 | 1 |
| 129-00-0 | Pyrene | 10.0 | U | 0.010 | 10.0 | 1 |
| 621 64 7 | N Nitropo di p propulamino | 10.0 | 11 | 0.010 | 10.0 | 1 |

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| Lab Name: GCAL | Sample ID: SKGW06R-1014 |
|--|---|
| Lab Code: LA024 Case No.: | Contract: |
| SAS No.: SDG No.: | Lab File ID: 2050714/B0323 |
| Matric Water | Lab Sample ID: 20506150901 |
| Sample wt/vol: 1000 Units: mL | Date Collected: 06/14/05 Time: 1515 |
| Level: (low/med) LOW | Date Received: 06/15/05 |
| % Moisture: decanted: (Y N) | Date Extracted: 06/20/05 |
| GC Column: <u>DB-5MS-30M</u> ID: <u>.25</u> (mm) | Date Analyzed: 07/14/05 Time: 1241 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: OLM4.2 SVOA |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLMO 4.2 |
| | instrument ID: MSSV3 |
| CONCENTRATION UNITS: ug/L | Prep Batch: 293939 Analytical Batch: 295505 |
| CAS NO. COMPOUND | RESULT Q MDL RL |
| 86-30-6 N-Nitrosodiphenylamine | 10.0 U 0.010 10.0 |
| 95-48-7 o-Cresol | 10.0 U 0.010 10.0 |

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| Lab Name: GCAL | Sample ID: SKGW06R-1014 |
|---|-------------------------------------|
| Lab Code: LA024 Case No.: | Contract: |
| SAS No.: SDG No.: 205061509 | Lab File ID: 2050714/B0323 |
| Matrix: Water | Lab Sample ID: 20506150901 |
| Sample wt/vol: Units: | Date Collected: 06/14/05 Time: 1515 |
| Level: (low/med) | Date Received: 06/15/05 |
| % Moisture: not dec. | Date Extracted: |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07/14/05 Time: 1241 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: SW-846 8270C |
| Number TICs Found: 1 CONCENTRATION UNITS: | Instrument ID: MSSV3 |
| CAS NO. COMPOUND | RT EST. CONC. Q |
| 1. 27554-26-3 1,2-Benzenedicarboxylic acid, | 6.281 6.1 |

| Lab Name: G | CAL | Sample ID: 5 | SKGW07R-1 | 1014 | |
|----------------------|--|-----------------|-------------------|---------------|----------------|
| | 024 Case No : | - | | | |
| | SDG No.: 205061509 | | | | . |
| | | | ···· | | |
| Matric Water | | Lab Sample ID | 2050615 | 0902 | |
| Sample wt/vol: | 1000 Units: mL | Date Collected | : <u>06/14/05</u> | Time: | 1555 |
| Levet: (low/med |) LOW | Date Received | : 06/15/05 | i | |
| | decanted: (Y/N) | Date Extracted | : 06/20/05 | | |
| | | | | i Time | · 1300 |
| GC Column: D | IB-5MS-30M ID: _25 (mm) | | | | |
| Concentrated Ex | ktract Volume: 1000 (µL) | Dilution Factor | : 1 | Analy | st JAR3 |
| Injection Volume | e: 1.0 (µL) | Prep Method: | OLM4.2 S | VOA | |
| | Y/N) N pH: | Analytical Meth | nod: OLM | 042 | |
| | | Instrument ID: | MSSV3 | | |
| CONCENTRATI | ION UNITS: ug/L | | | | |
| | | Prep Batch: | 293939 | Analytical Ba | tch: 295505 |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL |
| 95-95-4 | 2,4,5-Trichlorophenoi | 10.0 | U | 0.010 | 10.0 |
| 88-06-2 | 2,4,6-Trichloropheno | 10.0 | U | 0.010 | 10.0 |
| 120-83-2 | 2,4-Dichlorophenol | 10.0 | U | 0.010 | 10.0 |
| 51-28-5 | 2,4-Dinitrophenol | 25.0 | U | 0.010 | 25.0 |
| 121-14-2 | 2,4-Dinitrotoluene | 10.0 | U | 0.010 | 10.0 |
| 606-20-2 | 2,6-Dinitrotoluene | 10.0 | U | 0.010 | 10.0 |
| 91-58-7 | 2-Chloronaphthalene | 10.0 | U | 0.010 | 10.0 |
| 95-57-8 | 2-Chlorophenol | 10.0 | U | 0.010 | 10.0 |
| 91-57-6 | 2-Methylnaphthalene | 10.0 | U | 0.010 | 10.0 |
| 88-74-4 | 2-Nitroaniline | 25.0 | U | 0.010 | 25.0 |
| 88-75-5 | 2-Nitrophenol | 10.0 | U | 0.010 | 10.0 |
| 91-94-1 | 3,3-Dichlorobenzidine | 10.0 | U | 0.010 | 10.0 |
| 99-09-2 | 3-Nitroaniine | 25.0 | U | 0.010 | 25.0 |
| 534-52-1 | 2-Methyl-4,6-dinitrophenol | 25.0 | U | 0.010 | 25.0 |
| 59-50-7 | 4-Chloro-3-methylphenol | 10.0 | U | 0.010 | 10.0 |
| 106-47-8 | 4-Chloroaniline | 10.0 | U | 0.010 | 10.0 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 10.0 | U | 0.010 | 10.0 |
| 106-44-5 | 4-Methylphenol (p-Cresol) | 10.0 | Ü | 0.010 | 10.0 |
| 83-32-9 | Acenaphthene | 10.0 | Ü | 0.010 | 10.0 |
| 208-96-8 | Acenaphthylene | 10.0 | U | 0.010 | 10.0 |
| 120-12-7 | Anthracene | 10.0 | Ü | 0.010 | 10.0 |
| 56-55-3 | Benzo(a)anthracene | 10.0 | Ü | 0.010 | 10.0 |
| 50-32-8 | Benzo(a)pyrene | 10.0 | Ü | 0.010 | 10.0 |
| 205-99-2 | Benzo(b)fluoranthene | 10.0 | Ü | 0.010 | 10.0 |
| 191-24-2 | Benzo(g,h,i)perylene | 10.5 | U | 0.010 | 10.0 |
| 207-08-9 | Benzo(k)fluoranthene | 10.0 | U | 0.010 | 10.0 |
| 207-06-9 111-91-1 | Bis(2-Chloroethoxy)methane | 16.0 | U | 0.010 | 10.0 |
| 111-44-4 | | 10.0 | | | |
| | Bis(2-Chloroethyl)ether | | U | 0.010 | 10.0 |
| 108-60-1 | bis(2-Chloroisoprop : lether | 10.0 l | U | 0.010 | 10.0 |

| Lab Name: GC | CAL | Sample ID: | SKGW07R- | 1014 | | |
|------------------|----------------------------|-----------------|---------------------|---------------|-------------|-----|
| Lab Code: LAC | Case No.: | Contract: | | | | |
| SAS No.: | SDG No.: 205061509 | Lab File ID: _2 | 2050714/B0 | 324 | | |
| Matrix: Water | | Lab Sample II | D: <u>205061</u> | 50902 | | |
| Sample wt/vol: | 1000 Units: mL | Date Collected | d: <u>06/14/0</u> | Time: | 1555 | |
| Level: (low/med) | LOW | Date Received | i: <u>06/15/0</u> | 5 | | |
| % Moisture: | decanted: (Y/N) | Date Extracted | d: <u>06/20/0</u> 5 | 5 | | |
| GC Column: DI | B-5MS-30M ID: .25 (mm) | Date Analyzed | 1: 07/14/05 | Time | : 1300 | |
| Concentrated Ex | tract Volume: 1000 (µL) | Dilution Factor | : <u>1</u> | Analy | /st: JAR3 | |
| Injection Volume | : (µL) | Prep Method: | OLM4.2 S | VOA | | |
| GPC Cleanup: (\) | //N) N pH: | Analytical Meti | hod: OLM | O 4.2 | | |
| | | Instrument ID: | MSSV3 | | | |
| CONCENTRATION | ON UNITS: ug/L | Prep Batch: | 293939 | Analytical Ba | tch: 295505 | |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL | |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 10.0.64 | JB | 0.010 | 10.0 | ∃u |
| 101-55-3 | 4-Bromophenyl-phenylether | 10.0 | U | 0.010 | 10.0 | |
| 85-68-7 | Butylbenzylphthalate | 10.0 | U | 0.010 | 10.0 | |
| 86-74-8 | Carbazole | 10.0 | U | 0.010 | 10.0 | 7 |
| 218-01-9 | Chrysene | 10.0 | Ü | 0.010 | 10.0 | 7 |
| 84-74-2 | Di-n-butylphthalate | 10.03 | JB | 0.010 | 10.0 | ٦u |
| 117-84-0 | Di-n-octylphthalate | 10.0 | U | 0.010 | 10.0 | ٦,٠ |
| 53-70-3 | Dibenz(a,h)anthracene | 10.0 | U | 0.010 | 10.0 | ヿ |
| 132-64-9 | Dibenzofuran | 10.0 | U | 0.010 | 10.0 | ヿ |
| 84-66-2 | Diethylphthalate | 0.600 | J | 0.010 | 10.0 | ヿ |
| 131-11-3 | Dimethyl-phthalate | 10.0 | U | 0.010 | 10.0 | ┥ . |
| 105-67-9 | 2,4-Dimethylphenol | 10.0 | U | 0.010 | 10.0 | 7 |
| 206-44-0 | Fluoranthene | 10.0 | U | 0.010 | 10.0 | ヿ |
| 86-73-7 | Fluorene | 10.0 | Ū | 0.010 | 10.0 | 7 |
| 118-74-1 | Hexachlorobenzene | 10.0 | U | 0.010 | 10.0 | 7 |
| 87-68-3 | Hexachlorobutadiene | 10.0 | U | 0.010 | 10.0 | 7 |
| 77-47-4 | Hexachlorocyclopentadiene | 10.0 | U | 0.010 | 10.0 | 7 |
| 67-72-1 | Hexachloroethane | 10.0 | U | 0.010 | 10.0 | 7 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 10.0 | U | 0.010 | 10.0 | 7 |
| 78-59-1 | Isophorone | 10.0 | Ü | 0.010 | 10.0 | 7 |
| 91-20-3 | Naphthalene | 10.0 | U | 0.010 | 10.0 | 7 |
| 100-01-6 | 4-Nitroaniline | 25.0 | Ų | 0.010 | 25.0 | 7 |
| 98-95-3 | Nitrobenzene | 10.0 | U | 0.010 | 10.0 | 7 |
| 100-02-7 | 4-Nitrophenol | 25.0 | Ú | 0.010 | 25.0 | 7 |
| 87-86-5 | Pentachlorophenol | 25.0 | U | 0.010 | 25.0 | 7 |
| 85-01-8 | Phenanthrene | 10.0 | U | 0.010 | 10.0 | 7 |
| 108-95-2 | Phenol | 10.0 | U | 0.010 | 10.0 | 7 |
| 129-00-0 | Pyrene | 10.0 | U | 0.010 | 10.0 | 7 |
| 621-64-7 | N-Nitroso-di-n-propylamine | 10.0 | Ü | 0.010 | 10.0 | 7 |

| Lab Name: GCA | <u> </u> | Sample ID: Si | KGW07R-1 | 014 | |
|--------------------|-----------------------|------------------|-----------|---------------|-------------|
| Lab Code: LA024 | Case No.: | Contract: | | | |
| SAS No.: | SDG No.: 205061509 | Lab File ID: 20 | 50714/B03 | 24 | |
| Matrix Water | | Lab Sample ID: | 20506150 | 0902 | |
| Sample wt/vol: 10 | 000 Units: mL | Date Collected: | 06/14/05 | Time: | 1555 |
| Level: (low/med) | LOW | Date Received: | 06/15/05 | | |
| % Moisture: | decanted: (Y*N) | Date Extracted: | 06/20/05 | | |
| GC Column: DB-5 | 5MS-30M ID: _25 (mm) | Date Analyzed: | 07/14/05 | Time | 1300 |
| Concentrated Extra | ct Volume: 1000 (µL) | Dilution Factor: | 1 | Analy | st JAR3 |
| Injection Volume: | 1.0 (µL) | Prep Method: | OLM4.2 SV | /OA | <u></u> |
| GPC Cleanup: (Y/N | I) <u>N</u> pH: | Analytical Metho | d: OLMC | 14.2 | |
| | | Instrument ID: | MSSV3 | | |
| CONCENTRATION | IUNITS: ug/L | Prep Batch: 25 | 93939 | Analytical Ba | tch: 295505 |
| CAS NO. C | OMPOUND | RESULT | Q | MDL | RL |
| 86-30-6 N | -Nitrosodiphenylamine | 10.0 | U | 0.010 | 10.0 |
| 95-48-7 o | Cresol | 10.0 | U | 0.010 | 10.0 |

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| Lab Name: GCAL | Sample ID: SKGW07R-1014 |
|---|-------------------------------------|
| Lab Code: LA024 Case No.: | Contract: |
| SAS No.: SDG No.: 205061509 | Lab File ID: 2050714/B0324 |
| Matrix: Water | Lab Sample ID: 20506150902 |
| Sample wt/vol: Units: | Date Collected: 06/14/05 Time: 1555 |
| Level: (low/med) | Date Received: 06/15/05 |
| % Moisture: not dec. | Date Extracted: |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07/14/05 Time: 1300 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: SW-846 8270C |
| Number TICs Found: 1 CONCENTRATION UNITS: | Instrument ID: MSSV3 |
| | 77 707 901 9 |
| CAS NO. COMPOUND | RT EST. CONC. Q |
| 1. 603-11-2 1,2-Benzenedicarboxylic acid, | 6.281 8 |

| Lab Name: GCAL | | Sample ID: _9 | SKGW59-10 | 14 | |
|----------------------|---------------------------|-----------------|------------|---------------|-------------|
| Lab Code: LA024 | Case No. | Contract: | | | |
| SAS No.: | SDG No.: 205061509 | Lab File ID: 2 | 2050714/B0 | 325 | |
| Matric Water | | Lab Sample ID | 2050615 | 60907 | |
| Sample wt/vol: 100 | 00 Units: mL | Date Collected | : 06/15/05 | Time: | 1310 |
| Level: (low/med) _i | LOW | Date Received | 06/16/05 | i | |
| % Maisture: | decanted: (Y'N) | Date Extracted | : 06/20/05 | 3 | |
| GC Column: DB-5i | MS-30M ID: .25 (mm) | Date Analyzed | : 07/14/05 | Time: | 1318 |
| | t Volume: 1000 (µL) | Dilution Factor | : 1 | Analy | st: JAR3 |
| Injection Volume: | | Prep Method: | OLM4.2 S | VOA | |
| - | N pH | Analytical Meth | vod: OLM | 04.2 | |
| G. O O.C. Ap. (1714) | <u> </u> | Instrument ID: | MSSV3 | | |
| CONCENTRATION | UNITS: ug/L | Prep Batch: | | Analytical Ba | tch: 295505 |
| CAS NO. CO | MP OUND | RESULT | | MDL | RL |
| 95-95-4 2.4 | I,5-Trichlorophenol | 10.0 | U | 0.010 | 10.0 |
| 68-06-2 2.4 | I,6-Trichloropheno | 10.0 | υ | 0.010 | 10.0 |
| | I-Dichlorophenol | *0.c | Ü | 0.010 | 10.0 |
| | I-Dinitrophenol | 25.0 | U | 0.010 | 25.0 |
| | I-Dinitrotoluene | 10.0 | IJ | 0.010 | 10.0 |
| | 5-Dinitrotoluene | 10.0 | U | 0.010 | 10.0 |
| | Chloronaphthalene | 10.0 | U | 0.010 | 10.0 |
| | Chlorophenol | *0.0 | U | 0.010 | 10.0 |
| | Vethylnaphthalene | *0.0 | Ü | 0.010 | 10.0 |
| | Vitroaniline | 25.0 | U | 0.010 | 25.0 |
| | Vitrophenol | • 0.0 | U | 0.010 | 10.0 |
| | '-Dichlorobenzidine | *0.0 | U | 0.010 | 10.0 |
| | Stroaniine | 25.0 | U | 0.010 | 25.0 |
| | Welthyl-4,6-dinitrophenol | 25.0 | Ü | 0.010 | 25.0 |
| | Chloro-3-methylphenol | · 0.0 | U | 0.010 | 10.0 |
| | Chloroaniline | · 0.0 | U | 0.010 | 10.0 |
| 7005-72-3 4-0 | Chlorophenyl-phenylether | 70.0 | U | 0.010 | 10.0 |
| | Aethylphenol (p-Cresol) | 10.0 | U | 0.010 | 10.0 |
| 83-32-9 Ac | enaphthene | - 5.0 | U | 0.010 | 10.0 |
| | enaphthylene | - 0.0 | U | 0.010 | 10.0 |
| 120-12-7 And | thracene | 10.0 | U | 0.010 | 10.0 |
| 56-55-3 Be | nzo(a)anthracene | 10.0 | U | 0.010 | 10.0 |
| | nzo(a)pyrene | 10.0 | U | 0.010 | 10.0 |
| | nzo(b)fluoranthene | 10.0 | U | 0.010 | 10.0 |
| | nzo(g,h,i)perylene | 10.0 | Ü | 0.010 | 10.0 |
| | nzo(k)fluoranthene | 10.0 | U | 0.010 | 10.0 |
| | (2-Chloroethoxy)methane | 10.0 | U | 0.010 | 10.0 |
| | (2-Chloroethyl)ether | 13.5 | Ū | 0.010 | 10.0 |
| | (2-Chloroisopropy ether | 10.0 | Ū | 0.010 | 10.0 |
| | · | | | | |

| Lab Code: LA024 | Lab Name: GC | CAL | Sample ID: | SKGW59-10 | 014 | |
|---|-------------------------------------|----------------------------|-----------------|---------------------|---------------|--|
| Matrix: Water | Lab Code: LA024 Case No.: Contract: | | | | | |
| Matrix: Water | SAS No.: | SDG No.: 205061509 | Lab File ID: | 2050714/B0 | 325 | |
| Date Received: 06/16/05 Date Received: 06/16/05 Date Extracted: 06/20/05 Date Extracted: 06/20/05 Date Analyzed: 07/14/05 Time: 1318 Date Analyzed: 07/14/05 Time: 1318 Date Analyzed: 07/14/05 Time: 1318 Date Analyzed: 07/14/05 Date Analyzed: 07/14/05 Time: 1318 Date Analyzed: 07/14/05 Date Analyzed: 07/14/05 Time: 1318 Date Analyzed: 07/14/05 Date Analyzed: 07/14/06 | | | Lab Sample II | D: 205061 | 50907 | |
| Date Received: 06/16/05 Date Received: 06/20/05 Date Extracted: 06/20/05 Date Extracted: 06/20/05 Date Analyzed: 07/14/05 Time: 1318 Date Analyzed: 07/14/06 Date Analyzed | Sample wt/vol: | 1000 Units: mL | Date Collected | d: 06/15/0 | 5 Time: | 1310 |
| Concentrated Extract Volume: 1.00 | Level: (low/med) | LOW | Date Received | t: 06/16/0 | 5 | |
| Concentrated Extract Volume: 1000 | % Moisture: | decanted: (Y/N) | Date Extracted | d: 06/20/0 | 5 | |
| Injection Volume: 1.0 | GC Column: DI | B-5MS-30M ID:25 (mm) | Date Analyzed | i: <u>07/14/0</u> : | 5 Time | : 1318 |
| Injection Volume: 1.0 | Concentrated Ex | tract Volume: 1000 (μL) | Dilution Factor | : 1 | Analy | yst: JAR3 |
| CONCENTRATION UNITS: ug/L Prep Batch: 293939 Analytical Batch: 295505 | Injection Volume | : <u>1.0</u> (μL) | Prep Method: | OLM4.2 S | VOA | ······································ |
| CONCENTRATION UNITS: ug/L CAS NO. COMPOUND RESULT Q MDL RL 117-81-7 bis(2-ethylhexyl)phthalate 10.0 U 0.010 1 | GPC Cleanup: (| //N) N pH: | Analytical Met | hod: OLM | O 4.2 | |
| CAS NO. COMPOUND RESULT Q MDL RL 117.81-7 bis(2-ethylhexyl)phthalate 101-55-3 4-Bromophenyl-phenylether 10.0 U 0.010 10.0 85-68-7 Butylbenzylphthalate 10.0 U 0.010 10.0 86-74-8 Carbazole 10.0 U 0.010 10.0 84-74-2 Di-n-butylphthalate 10.0 U 0.010 10.0 132-64-9 Dibenzofuran 10.0 U 0.010 10.0 132-64-9 Dibenzofuran 10.0 U 0.010 10.0 84-66-2 Diethylphthalate 10.0 U 0.010 10.0 84-66-2 Diethylphthalate 10.0 U 0.010 10.0 84-66-2 Diethylphthalate 10.0 U 0.010 10.0 84-66-3 Diethylphthalate 10.0 U 0.010 10.0 84-66-3 Diethylphthalate 10.0 U 0.010 10.0 105-67-9 2,4-Dimethylphenol 10.0 U 0.010 10.0 105-67-9 10.0 105-67-9 10.0 10.0 U 0.010 10.0 86-73-7 Fluoranthene 10.0 U 0.010 10.0 86-73-7 Fluorene 10.0 U 0.010 10.0 87-68-3 Hexachlorobenzene 10.0 U 0.010 10.0 10.0 10-0-10-10-10-10-10-10-10-10-10-10-10-10 | | | Instrument ID: | MSSV3 | | |
| 117-81-7 bis(2-ethylhexyl)phthalate | CONCENTRATI | ON UNITS: ug/L | Prep Batch: | 293939 | Analytical Ba | atch: 295505 |
| 101-55-3 | CAS NO. | COMPOUND | RESULT | Q | MDL | RL |
| 10.1-55-3 4-Bromophenyl-phenylether 10.0 U 0.010 10.0 10.0 85-68-7 Butylbenzylphthalate 10.0 U 0.010 10.0 1 | 117-81-7 | bis(2-ethylhexyl)phthalate | 10.0147 | JB | 0.010 | 10.0 L |
| 86-74-8 Carbazole 10.0 U 0.010 10.0 213-01-9 Chrysene 10.0 U 0.010 10.0 84-74-2 Di-n-butylphthalate 10.0 U 0.010 10.0 117-84-0 Di-n-octylphthalate 10.0 U 0.010 10.0 132-64-9 Dibenzafuran 10.0 U 0.010 10.0 84-66-2 Diethylphthalate 10.0 U 0.010 10.0 131-11-3 Dimethyl-phthalate 10.0 U 0.010 10.0 105-67-9 2,4-Dimethylphenol 10.0 U 0.010 10.0 206-44-0 Fluoranthene 10.0 U 0.010 10.0 86-73-7 Fluorene 10.0 U 0.010 10.0 118-74-1 Hexachloroberace 10.0 U 0.010 10.0 87-68-3 Hexachlorobutadiene 10.0 U 0.010 10.0 87-72-1 Hexachlorocyclopentadiene <t< td=""><td>101-55-3</td><td>4-Bromophenyl-phenylether</td><td></td><td>U</td><td>0.010</td><td></td></t<> | 101-55-3 | 4-Bromophenyl-phenylether | | U | 0.010 | |
| 218-01-9 | 85-68-7 | Butylbenzylphthalate | 10.0 | U | 0.010 | 10.0 |
| 84-74-2 Di-n-butylphthalate 10.0 U 0.010 10.0 117-84-0 Di-n-octylphthalate 10.0 U 0.010 10.0 53-70-3 Dibenz(a,h)anthracene 10.0 U 0.010 10.0 132-64-9 Dibenzofuran 10.0 U 0.010 10.0 84-66-2 Diethylphthalate 10.0 U 0.010 10.0 105-67-9 2,4-Dimethylphthalate 10.0 U 0.010 10.0 105-67-9 2,4-Dimethylphenol 10.0 U 0.010 10.0 206-44-0 Fluoranthene 10.0 U 0.010 10.0 86-73-7 Fluorene 10.0 U 0.010 10.0 118-74-1 Hexachlorobenzene 10.0 U 0.010 10.0 87-68-3 Hexachlorobutadiene 10.0 U 0.010 10.0 77-47-4 Hexachlorocethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd) | 86-74-8 | Carbazole | 10.0 | U | 0.010 | 10.0 |
| 117-84-0 Di-n-octylphthalate 10.0 U 0.010 10.0 10.0 132-64-9 Dibenz(a,h)anthracene 10.0 U 0.010 10.0 10.0 132-64-9 Dibenzofuran 10.0 U 0.010 10.0 10.0 132-64-9 Dibenzofuran 10.0 U 0.010 10.0 10.0 131-11-3 Dimethyl-phthalate 10.0 U 0.010 10.0 10.0 105-67-9 2,4-Dimethylphenol 10.0 U 0.010 10. | 218-01-9 | Chrysene | 10.0 | U | 0.010 | 10.0 |
| 53-70-3 Dibenz(a,h)anthracene 10.0 U 0.010 10.0 132-64-9 Dibenzofuran 10.0 U 0.010 10.0 84-66-2 Diethylphthalate 10.0 U 0.010 10.0 131-11-3 Dimethyl-phthalate 10.0 U 0.010 10.0 105-67-9 2,4-Dimethylphenol 10.0 U 0.010 10.0 206-44-0 Fluoranthene 10.0 U 0.010 10.0 86-73-7 Fluorene 10.0 U 0.010 10.0 86-73-7 Fluorene 10.0 U 0.010 10.0 87-68-3 Hexachlorobenzene 10.0 U 0.010 10.0 87-68-3 Hexachlorobutadiene 10.0 U 0.010 10.0 87-68-3 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 67-72-1 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 25.0 98-95-3 Pentachlorophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 109-00-0 Pyrene 10.0 U 0.010 10.0 | 84-74-2 | Di-n-butylphthalate | 10.0 | U | 0.010 | 10.0 |
| 132-64-9 Dibenzofuran 10.0 U 0.010 10.0 84-66-2 Diethylphthalate 10.0 U 0.010 10.0 131-11-3 Dimethyl-phthalate 10.0 U 0.010 10.0 105-67-9 2,4-Dimethylphenol 10.0 U 0.010 10.0 206-44-0 Fluoranthene 10.0 U 0.010 10.0 86-73-7 Fluorene 10.0 U 0.010 10.0 118-74-1 Hexachlorobenzene 10.0 U 0.010 10.0 87-68-3 Hexachlorobutadiene 10.0 U 0.010 10.0 87-68-3 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 67-72-1 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 109-01-0 Pyrene 10.0 U 0.010 10.0 100-01-0 Pyrene 10.0 U 0.010 10.0 100- | 117-84-0 | Di-n-octylphthalate | 10.0 | U | 0.010 | 10.0 |
| 84-66-2 Diethylphthalate 10.0 U 0.010 10.0 131-11-3 Dimethyl-phthalate 10.0 U 0.010 10.0 105-67-9 2,4-Dimethylphenol 10.0 U 0.010 10.0 206-44-0 Fluoranthene 10.0 U 0.010 10.0 86-73-7 Fluorene 10.0 U 0.010 10.0 118-74-1 Hexachlorobenzene 10.0 U 0.010 10.0 87-68-3 Hexachlorobutadiene 10.0 U 0.010 10.0 87-68-3 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 87-72-1 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 193-39-5 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 98-95-3 Nitrobenzene <td>53-70-3</td> <td>Dibenz(a,h)anthracene</td> <td>10.0</td> <td>U</td> <td>0.010</td> <td>10.0</td> | 53-70-3 | Dibenz(a,h)anthracene | 10.0 | U | 0.010 | 10.0 |
| 131-11-3 Dimethyl-phthalate 10.0 U 0.010 10.0 105-67-9 2,4-Dimethylphenol 10.0 U 0.010 10.0 206-44-0 Fluoranthene 10.0 U 0.010 10.0 86-73-7 Fluorene 10.0 U 0.010 10.0 118-74-1 Hexachlorobenzene 10.0 U 0.010 10.0 87-68-3 Hexachlorobutadiene 10.0 U 0.010 10.0 77-47-4 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 67-72-1 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 98-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 98-95-3 Nitrobenz | 132-64-9 | Dibenzofuran | 10.0 | U | 0.010 | 10.0 |
| 105-67-9 2,4-Dimethylphenol 10.0 U 0.010 10.0 206-44-0 Fluoranthene 10.0 U 0.010 10.0 86-73-7 Fluorene 10.0 U 0.010 10.0 118-74-1 Hexachlorobenzene 10.0 U 0.010 10.0 87-68-3 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 77-47-4 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 78-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene <t< td=""><td>84-66-2</td><td>Diethylphthalate</td><td>10.0</td><td>U</td><td>0.010</td><td>10.0</td></t<> | 84-66-2 | Diethylphthalate | 10.0 | U | 0.010 | 10.0 |
| 105-67-9 2,4-Dimethylphenol 10.0 U 0.010 10.0 206-44-0 Fluoranthene 10.0 U 0.010 10.0 86-73-7 Fluorene 10.0 U 0.010 10.0 118-74-1 Hexachlorobenzene 10.0 U 0.010 10.0 87-68-3 Hexachlorobutadiene 10.0 U 0.010 10.0 77-47-4 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 78-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 | 131-11-3 | Dimethyl-phthalate | 10.0 | U | 0.010 | 10.0 |
| 206-44-0 Fluoranthene 10.0 U 0.010 10.0 86-73-7 Fluorene 10.0 U 0.010 10.0 118-74-1 Hexachlorobenzene 10.0 U 0.010 10.0 87-68-3 Hexachlorobutadiene 10.0 U 0.010 10.0 77-47-4 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 193-39-5 </td <td>105-67-9</td> <td></td> <td>10.0</td> <td>U</td> <td>0.010</td> <td>10.0</td> | 105-67-9 | | 10.0 | U | 0.010 | 10.0 |
| 118-74-1 Hexachlorobenzene 10.0 U 0.010 10.0 87-68-3 Hexachlorobutadiene 10.0 U 0.010 10.0 77-47-4 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 78-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 25.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenol 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 | 206-44-0 | | 10.0 | U | 0.010 | 10.0 |
| 87-68-3 Hexachlorobutadiene 10.0 U 0.010 10.0 77-47-4 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 78-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 | 86-73-7 | Fluorene | 10.0 | U | 0.010 | 10.0 |
| 77-47-4 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 78-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenol 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 118-74-1 | Hexachlorobenzene | 10.0 | U | 0.010 | 10.0 |
| 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 78-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 87-68-3 | Hexachlorobutadiene | 10.0 | U | 0.010 | 10.0 |
| 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 78-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 77-47-4 | Hexachlorocyclopentadiene | 10.0 | Ū | 0.010 | 10.0 |
| 78-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 67-72-1 | | 10.0 | U | 0.010 | 10.0 |
| 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 193-39-5 | Indeno(1,2,3-cd)pyrene | 10.0 | U | 0.010 | 10.0 |
| 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 78-59-1 | Isophorone | 10.0 | U | 0.010 | 10.0 |
| 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 91-20-3 | Naphthalene | 10.0 | U | 0.010 | 10.0 |
| 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 100-01-6 | 4-Nitroaniline | 25.0 | U | 0.010 | 25.0 |
| 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | | | | | | |
| 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | | 4-Nitrophenol | | U | | |
| 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | | | | | | |
| 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | | | | | | |
| 129-00-0 Pyrene 10.0 U 0.010 10.0 | | | | _ | | |
| | L | Pyrene | | | | |
| | | <u> </u> | | | | |

| Lab Name: GCAL | Sample ID: SKGW59-1014 |
|--|---|
| Lab Code: LA024 Case No : | Contract: |
| SAS No.: SDG No.: 205061509 | Lab File ID: 2050714/80325 |
| Matric Water | Lab Sample ID: 20506150907 |
| Sample wt/vol: 1000 Units: mL | Date Collected: 06/15/05 Time: 1310 |
| Level: (low/med) LOW | Date Received: 06/16/05 |
| % Moisture: decanted: (Y*N) | Date Extracted: 06/20/05 |
| GC Column: D8-5MS-30M ID: 25 (mm) | Date Analyzed: 07/14/05 Time: 1318 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Valume: 1.0 (µL) | Prep Method: OLM4.2 SVOA |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLMO 4.2 |
| | instrument ID: MSSV3 |
| CONCENTRATION UNITS: ug/L | Prep Batch: 293939 Analytical Batch: 295505 |
| CAS NO. COMPOUND | RESULT Q MDL RL |
| 86-30-6 N-Nitrosodiphenylamine | 10.0 U 0.010 10.0 |
| 95-48-7 o-Cresol | 10.0 U 0.010 10.0 |

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| Lab Name: GCAL | Sample ID: SKGW59-1014 |
|--|---|
| Lab Code: LA024 Case No.: | Contract: |
| SAS No.: SDG No.: 205061509 | Lab File ID: 2050714/B0325 |
| Matrix: Water | Lab Sample ID: 20506150907 |
| Sample wt/vol: Units: | Date Collected: 06/15/05 Time: 1310 |
| Level: (low/med) | Date Received: 06/16/05 |
| % Moisture: not dec. | Date Extracted: |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07/14/05 Time: 1318 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: SW-846 8270C |
| | Instrument ID: MSSV3 |
| Number TICs Found: 1 | |
| CONCENTRATION UNITS: | • |
| CAS NO. COMPOUND | RT EST. CONC. Q |
| 1. 134-62-3 Diethyltoluamide | 3.846 5.71 |

| Lab Name: GCAL | Sample ID: SKGW61-1014 |
|--|---|
| Lab Code: LA024 Case No : | Contract: |
| SAS No.: SDG No.: 205061509 | Lab File ID: 2050714/B0327 |
| Matrix Water | Lab Sample ID: 20506150909 |
| Sample wt/vol: 1000 Units: mL | Date Collected: 06/15/05 Time: 1445 |
| Sample WVIOL 1000 Onics. IIIL | Date Collected: 00/13/03 Talle: 1445 |
| Level: (low/med) LOW | Date Received: 06/16/05 |
| % Moisture: decanted: (Y/N) | Date Extracted: 06/20/05 |
| GC Column: DB-5MS-30M ID: _25 (mm) | Date Analyzed: 07/14/05 Time: 1357 |
| Concentrated Extract Volume: 1000 (µL) | Diution Factor: 1 Analyst JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: OLM4.2 SVOA |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLMO 4.2 |
| | Instrument ID: MSSV3 |
| CONCENTRATION UNITS: ug/L | |
| | Prep Batch: 293939 Analytical Batch: 295505 |
| CAS NO. COMPOUND | RESULT Q MDL RL |
| 95-95-4 2,4,5-Trichloropheno | 10.0 U 0.010 10.0 |
| 88-06-2 2,4,6-Trichlorophenol | 10.0 U 0.010 10.0 |
| 120-83-2 2,4-Dichlorophenol | 10.0 U 0.010 10.0 |
| 51-28-5 2,4-Dinitrophenol | 25.0 U 0.010 25.0 |
| 121-14-2 2,4-Dinitrotoluene | 10.0 U 0.010 10.0 |
| 606-20-2 2,6-Dinitrotoluene | 10.0 U 0.010 10.0 |
| 91-58-7 2-Chloronaphthalene | 10.0 U 0.010 10.0 |
| 95-57-8 2-Chlorophenol | 10.0 U 0.010 10.0 |
| 91-57-6 2-Methylnaphthalene | 10.0 U 0.010 10.0 |
| 88-74-4 2-Nitroaniline | 25.0 U 0.010 25.0 |
| 88-75-5 2-Nitrophenol | 10.0 U 0.010 10.0 |
| 91-94-1 3,3'-Dichlorobenzidine | 10.0 U 0.010 10.0 |
| 99-09-2 3-Nitroaniline | 25.0 U 0.010 25.0 |
| 534-52-1 2-Methyl-4,6-dinitrophenol | 25.0 U 0.010 25.0 |
| 59-50-7 4-Chloro-3-methylphenoi | 10.0 U 0.010 10.0 |
| 106-47-8 4-Chloroaniline | 10.0 U 0.010 10.0 |
| 7005-72-3 4-Chlorophenyl-phenylether | 10.0 U 0.010 10.0 |
| 106-44-5 4-Methylphenol (p-Cresoi) | 10.0 U 0.010 10.0 |
| 83-32-9 Acenaphthene | 10.0 U 0.010 10.0 |
| 208-96-8 Acenaphthylene | 10.0 U 0.010 10.0 |
| 120-12-7 Anthracene | 10.0 U 0.010 10.0 |
| 56-55-3 Benzo(a)anthracene | 10.0 U 0.010 10.0 |
| 50-32-8 Benzo(a)pyrene | 10.0 U 0.010 10.0 |
| 205-99-2 Benzo(b)fluoranthene | 10.0 U 0.010 10.0 |
| 191-24-2 Benzo(g,h,i)perylene | 10.0 U 0.010 10.0 |
| 207-08-9 Benzo(k)fluoranthene | 10.0 U 0.010 10.0 |
| 111-91-1 Bis(2-Chloroethoxy)methane | 10.0 U 0.010 10.0 |
| 111-44-4 Bis(2-Chloroethyl)etter | 0.535 J 0.010 10.0 |
| 108-60-1 bis(2-Chloroisopropy ether | 10.0 U 0.010 10.0 |

| Lab Name: Go | Lab Name: GCAL Sample ID: SKGW61-1014 | | | | | |
|--|---------------------------------------|-----------------|--|---------------|--------------|----|
| Lab Code: LA024 Case No.: Contract: | | | | | | |
| SAS No.: SDG No.: 205061509 Lab File ID: 2050714/B0327 | | | | | | |
| Matrix: Water | | Lab Sample II | D: 2050615 | 50909 | | |
| Sample wt/vol: | 1000 Units: mL | Date Collected | d: 06/15/05 | Time: | 1445 | |
| Level: (low/med) | LOW | Date Received | d: 06/16/05 | | | _ |
| % Moisture: | decanted: (Y/N) | Date Extracted | d: 06/20/05 | 5 | | _ |
| GC Column: D | B-5MS-30M ID: .25 (mm) | Date Analyzed | 1: 07/14/05 | Time | : 1357 | _ |
| Concentrated Ex | dract Volume: 1000 (μL) | Dilution Factor | r: <u>1</u> | Analy | yst: JAR3 | - |
| | e: 1.0 (µL) | Prep Method: | OLM4.2 S | VOA | | _ |
| | Y/N) N pH: | Analytical Met | hod: OLM | O 4.2 | | _ |
| , , | | Instrument ID: | MSSV3 | | | |
| CONCENTRATI | ON UNITS: ug/L | Prep Batch: | 293939 | Analytical Ba | itch: 295505 | - |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL | • |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 10.0 424 | JB | 0.010 | 10.0 | 14 |
| 101-55-3 | 4-Bromophenyl-phenylether | 10.0 | 1 0 | 0,010 | 10.0 | 1 |
| 85-68-7 | Butylbenzylphthalate | 10.0 | U | 0.010 | 10.0 | 1 |
| 86-74-8 | Carbazole | 10.0 | l ū | 0.010 | 10.0 | t |
| 218-01-9 | Chrysene | 10.0 | Ü | 0.010 | 10.0 | 1 |
| 84-74-2 | Di-n-butylphthalate | 10.0 | | 0.010 | 10.0 | 1 |
| 117-84-0 | Di-n-octylphthalate | 10.0 | | 0.010 | 10.0 | ł |
| 53-70-3 | Dibenz(a,h)anthracene | 10.0 | | 0.010 | 10.0 | j |
| 132-64-9 | Dibenzofuran | 10.0 | | 0.010 | 10.0 | ł |
| 84-66-2 | Diethylphthalate | 10.0 | | 0.010 | 10.0 | ł |
| 131-11-3 | Dimethyl-phthalate | 10.0 | 1 0 | 0.010 | 10.0 | |
| 105-67-9 | 2,4-Dimethylphenol | 10.0 | | 0.010 | 10.0 | |
| 206-44-0 | Fluoranthene | 10.0 | | 0.010 | 10.0 | |
| 86-73-7 | Fluorene | 10.0 | Ü | 0.010 | 10.0 | |
| 118-74-1 | Hexachlorobenzene | 10.0 | U | 0.010 | 10.0 | |
| 87-68-3 | Hexachlorobutadiene | 10.0 | l u | 0.010 | 10.0 | |
| 77-47-4 | Hexachlorocyclopentadiene | 10.0 | Ü | 0.010 | 10.0 | |
| 67-72-1 | Hexachloroethane | 10.0 | Ū | 0.010 | 10.0 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 10.0 | Ü | 0.010 | 10.0 | |
| 78-59-1 | Isophorone | 10.0 | Ü | 0.010 | 10.0 | |
| 91-20-3 | Naphthalene | 10.0 | Ü | 0.010 | 10.0 | |
| 100-01-6 | 4-Nitroaniline | 25.0 | Ü | 0.010 | 25.0 | |
| 98-95-3 | Nitrobenzene | 10.0 | Ü | 0.010 | 10.0 | i |
| 100-02-7 | 4-Nitrophenol | 25.0 | Ü | 0.010 | 25.0 | |
| 87-86-5 | Pentachlorophenol | 25.0 | ΰ | 0.010 | 25.0 | |
| 85-01-8 | Phenanthrene | 10.0 | Ü | 0.010 | 10.0 | ı |
| 108-95-2 | Phenol | 10.0 | | 0.010 | 10.0 | |
| 129-00-0 | Pyrene | | Ü | 0.010 | 10.0 | |
| 621-64-7 | N-Nitroso-di-n-propylamine | 10.0 | U | 0.010 | 10.0 | |
| (UE 1-UT-1 | fra rate ogo-di-ti-brobhenime | 1 4 10.0 | . ~ ! | V.U.V | 10.0 | |

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| Lab Name: GCAL | Sample ID: SKGW61-1014 |
|--|---|
| Lab Code: LA024 Case No.: | Contract: |
| SAS No.: SDG No.: 205061509 | Lab File ID: 2050714/80327 |
| Matrix Water | Lab Sample ID: 20506150909 |
| Sample wt/vol: 1000 Units: mL | Date Collected: 06/15/05 Time: 1445 |
| Level: (low/med) LOW | Date Received: 06/16/05 |
| % Moisture: decanted: (Y*N) | Date Extracted: 06/20/05 |
| GC Column: DB-5MS-30M ID: 25 (mm) | Date Analyzed: 07/14/05 Time: 1357 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: OLM4.2 SVOA |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLMO 4.2 |
| | Instrument ID: MSSV3 |
| CONCENTRATION UNITS: ug/L | Prep Batch: 293939 Analytical Batch: 295505 |
| CAS NO. COMPOUND | RESULT Q MDL RL |
| 86-30-6 N-Nitrosodiphenylamine | 10.0 U 0.010 10.0 |
| 95-48-7 o-Cresol | 10.0 U 0.010 10.0 |

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| Lab Name: GCAL | Sample ID: SKGW61-1014 |
|--|-------------------------------------|
| Lab Code: LA024 Case No.: | Contract: |
| SAS No.: SDG No.: 205061509 | Lab File ID: 2050714/B0327 |
| Matrix: Water | Lab Sample ID: 20506150909 |
| Sample wt/vol: Units: | Date Collected: 06/15/05 Time: 1445 |
| Level: (low/med) | Date Received: 06/16/05 |
| % Moisture: not dec. | Date Extracted: |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07/14/05 Time: 1357 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: SW-846 8270C |
| 4 | Instrument ID: MSSV3 |
| Number TICs Found: 2 | |
| CONCENTRATION UNITS: | |
| CAS NO. COMPOUND | RT EST. CONC. Q |
| 1. 105-60-2 Caprolactam | 2.793 6.63 |
| 2. 134-62-3 Diethyltoluamide | 3.846 7.76 |

| Lab Name: GC | AL | Sample ID: 5 | SKGW64-10 | 14 | |
|------------------|-----------------------------|-----------------|--------------------------|---------------|-------------|
| Lab Code: LA0 | 24 | Contract: | | | |
| | SDG No.: 205061509 | | | | |
| Matrix Water | | Lab Sample ID | 2050615 | i0910 | |
| | | | | | |
| Sample wt/vol: | 1000 Units: mL | Date Collected | 1: 06/15/05 | Time: | 0945 |
| Level: (low/med) | LOW | Date Received | : 06/16/05 | <u> </u> | |
| % Moisture: | decanted: (Y-N) | Date Extracted | 1: 06/20/05 | | |
| GC Column: DE | 3-5MS-30M ID: _25 (mm) | Date Analyzed | : <u>07/14/05</u> | Time | : 1416 |
| Concentrated Ext | iract Volume: 1000 (μl.) | Diiution Factor | 1 1 | Analy | st JAR3 |
| | : <u>1.0</u> (µL) | Prep Method: | OLM4.2 S | VOA | · |
| | /N) N pH: | Analytical Meth | nod: OLM | 04.2 | |
| G C Commup. (1 | he t | Instrument ID: | | | |
| CONCENTRATIO | ON UNITS: Ug/L | | | | |
| CONCENTION IN | | Prep Batch: | 293939 | Analytical Ba | tch: 295505 |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL |
| 95-95-4 | 2,4,5-Trichloropheno | 10.0 | U | 0.010 | 10.0 |
| 88-06-2 | 2,4,6-Trichlorophenoi | 10.0 | U | 0.010 | 10.0 |
| 120-83-2 | 2,4-Dichlorophenol | 10.0 | U | 0.010 | 10.0 |
| 51-28-5 | 2,4-Dinitrophenol | 25.0 | U | 0.010 | 25.0 |
| 121-14-2 | 2,4-Dinitrotoluene | 10.0 | υ | 0.010 | 10.0 |
| 606-20-2 | 2,6-Dinitrotoluene | 10.0 | U | 0.010 | 10.0 |
| 91-58-7 | 2-Chloronaphthalene | 10.0 | U | 0.010 | 10.0 |
| 95-57-8 | 2-Chlorophenol | 10.0 | U | 0.010 | 10.0 |
| 91-57-6 | 2-Methylnaphthalene | 10.0 | U | 0.010 | 10.0 |
| 88-74-4 | 2-Nitroaniline | 25.0 | U | 0.010 | 25.0 |
| 88-75-5 | 2-Nitrophenol | 10.0 | U | 0.010 | 10.0 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 10.0 | υ | 0.010 | 10.0 |
| 99-09-2 | 3-Nitroaniline | 25.0 | υ | 0.010 | 25.0 |
| 534-52-1 | 2-Methyl-4,6-dinitrophenol | 25.0 | U | 0.010 | 25.0 |
| 59-50-7 | 4-Chloro-3-methylphenol | 10.C | U | 0.010 | 10.0 |
| 106-47-8 | 4-Chloroaniline | 10.0 | U | 0.010 | 10.0 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 10.0 | U | 0.010 | 10.0 |
| 106-44-5 | 4-Methylphenol (p-Cresol) | 10.0 | U | 0.010 | 10.0 |
| 83-32-9 | Acenaphthene | 10.0 | U | 0.010 | 10.0 |
| 208-96-8 | Acenaphthylene | 10.0 | U | 0.010 | 10.0 |
| 120-12-7 | Anthracene | 10.0 | U | 0.010 | 10.0 |
| 56-55-3 | Benzo(a)anthracene | 1C.C | U | 0.010 | 10.0 |
| 50-32-8 | Benzo(a)pyrene | 10.0 | U | 0.010 | 10.0 |
| 205-99-2 | Benzo(b)fluoranthene | 10.0 | Ü | 0.010 | 10.0 |
| 191-24-2 | Benzo(g,h,i)perytere | 10.0 | U | 0.010 | 10.0 |
| 207-08-9 | Benzo(k)fluoranthene | 100 | U | 0.010 | 10.0 |
| 111-91-1 | Bis(2-Chloroethox) /methane | 10.0 | U | 0.010 | 10.0 |
| 111-44-4 | Bis(2-Chloroethyl)ether | •0.0 | U | 0.010 | 10.0 |
| | bis(2-Chloroisoprop : ether | 10.0 | U | 0.010 | 10.0 |

| Lab Name: GC | AL | Sample ID: | SKGW64-10 |)14 | | |
|-----------------------------|---------------------------------|-----------------|---------------------|---------------|---------------------------------------|---------------|
| Lab Code: LA0 | Code: LA024 Case No.: Contract: | | | | | |
| SAS No.: SDG No.: 205061509 | | | | | | |
| Matrix: Water | | Lab Sample IC | D: <u>205061</u> | 50910 | | |
| Sample wt/vol: | 1000 Units: mL | Date Collected | d: <u>06/15/0</u> | Time: | 0945 | |
| Level: (low/med) | LOW | Date Received | l: <u>06/16/0</u> 5 | 5 | | |
| % Moisture: | decanted: (Y/N) | Date Extracted | d: <u>06/20/05</u> | 5 | · · · · · · · · · · · · · · · · · · · | |
| GC Column: DE | 3-5MS-30M ID: <u>.25</u> (mm) | Date Analyzed | l: <u>07/14/05</u> | 5 Time | e: <u>1416</u> | |
| Concentrated Ex | tract Volume: 1000 (µL) | Dilution Factor | : <u>1</u> | Anal | yst: JAR3 | |
| | :(µL) | Prep Method: | OLM4.2 S | VOA | | - |
| GPC Cleanup: (Y | ′/N) <u>N</u> pH: | Analytical Met | hod: OLM | O 4.2 | | _ |
| | | Instrument ID: | MSSV3 | | | |
| CONCENTRATIO | ON UNITS: ug/L | Prep Batch: | 293939 | Analytical Ba | atch: 295505 | |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL | |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 10.0476 | JB | 0.010 | 10.0 | ∃u |
| 101-55-3 | 4-Bromophenyl-phenylether | 10.0 | Ū | 0.010 | 10.0 | 7 1 |
| 85-68-7 | Butylbenzylphthalate | 10.0 | U | 0.010 | 10.0 | ٦ |
| 86-74-8 | Carbazole | 10.0 | U | 0.010 | 10.0 | 7 |
| 218-01-9 | Chrysene | 10.0 | U | 0.010 | 10.0 | 7 |
| 84-74-2 | Di-n-butylphthalate | 10.0 | U | 0.010 | 10.0 | _ |
| 117-84-0 | Di-n-octylphthalate | 10.0 | Ų | 0.010 | 10.0 | _ |
| 53-70-3 | Dibenz(a,h)anthracene | 10.0 | U | 0.010 | 10.0 | _ |
| 132-64-9 | Dibenzofuran | 10.0 | U | 0.010 | 10.0 | 7 |
| 84-66-2 | Diethylphthalate | 10.0 | U | 0.010 | 10.0 | 7 |
| 131-11-3 | Dimethyl-phthalate | 10.0 | U | 0.010 | 10.0 | ┪ |
| 105-67-9 | 2,4-Dimethylphenol | 10.0 | U | 0.010 | 10.0 | ┫ |
| 206-44-0 | Fluoranthene | 10.0 | U | 0.010 | 10.0 | 7 |
| 86-73-7 | Fluorene | 10.0 | U | 0.010 | 10.0 | 7 |
| 118-74-1 | Hexachlorobenzene | 10.0 | U | 0.010 | 10.0 | 1 |
| 87-68-3 | Hexachlorobutadiene | 10.0 | U | 0.010 | 10.0 | 1 |
| 77-47-4 | Hexachlorocyclopentadiene | 10.0 | U | 0.010 | 10.0 | 1 |
| 67-72-1 | Hexachloroethane | 10.0 | U | 0.010 | 10.0 | 7 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 10.0 | U | 0.010 | 10.0 | 7 |
| 78-59-1 | Isophorone | 10.0 | U | 0.010 | 10.0 | 7 |
| 91-20-3 | Naphthalene | 10.0 | Ú | 0.010 | 10.0 | 1 |
| 100-01-6 | 4-Nitroaniline | 25.0 | U | 0.010 | 25.0 | 7 |
| 98-95-3 | Nitrobenzene | 10.0 | U | 0.010 | 10.0 | 7 |
| 100-02-7 | 4-Nitrophenol | 25.0 | υ | 0.010 | 25.0 | 1 |
| 87-86-5 | Pentachlorophenol | 25.0 | U | 0.010 | 25.0 | 7 |
| 85-01-8 | Phenanthrene | 10.0 | Ü | 0.010 | 10.0 | 1 |
| 108-95-2 | Phenol | 10.0 | U | 0.010 | 10.0 | 1 |
| 129-00-0 | Pyrene | 10.0 | U | 0.010 | 10.0 | 1 |
| | N-Nitroso-di-n-propylamine | 10.0 | - 11 | 0.010 | 10.0 | 7 |

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| Lab Name: GCAL | | | Sample ID: S | KGW64-10 | 114 | |
|-----------------------------|------------------|----------|-----------------|-------------------|-------|--------------|
| Lab Code: LA024 | Case No : | | Contract: | , | | |
| SAS No.: | SDG No.: 20506 | 1509 | Lab File ID: 2 | 050714/B0 | 328 | |
| Matric Water | | | Lab Sample ID | 2050615 | 50910 | |
| Sample wt/vol: 1000 | Units: mL | | Date Collected | 06/15/05 | Time: | 0945 |
| Level: (low/med) LOW | | | Date Received | : <u>06/16/05</u> | 5 | |
| % Moisture: | decanted: (Y*N) | <u> </u> | Date Extracted | : 06/20/05 | 5 | |
| GC Column: DB-5MS-30 | M ID: <u>.25</u> | (mm) | Date Analyzed | 07/14/05 | Time | 1416 |
| Concentrated Extract Volume | me: <u>1000</u> | (µL) | Dilution Factor | : <u>1</u> | Analy | st JAR3 |
| Injection Volume: | 1.0 | (µL) | Prep Method: | OLM4.2 S | VOA | |
| GPC Cleanup: (Y/N) N | pH: | | Analytical Meth | od: OLM | 04.2 | |
| CONCENTRATION UNITS | i: ug/L | | Instrument ID: | | | tch: 295505 |
| CAS NO. COMPO | DUND | | RESULT | · | MDL | , |
| 86-30-6 N-Nitrosc | odiphenylamine | | *0.0 | U | 0.010 | 10.0 |
| 95-48-7 o-Cresol | | | 10.0 | U | 0.010 | 10.0 |

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| Lab Name: GCAL | Sample ID: SKGW64-1014 |
|--|-------------------------------------|
| Lab Code: LA024 Case No.: | Contract: |
| SAS No.: SDG No.: 205061509 | Lab File ID: 2050714/B0328 |
| Matrix: Water | Lab Sample ID: 20506150910 |
| Sample wt/vol: Units: | Date Collected: 06/15/05 Time: 0945 |
| Level: (low/med) | Date Received: 06/16/05 |
| % Moisture: not dec. | Date Extracted: |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07/14/05 Time: 1416 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: SW-846 8270C |
| | Instrument ID: MSSV3 |
| Number TICs Found: 1 | |
| CONCENTRATION UNITS: | |
| CAS NO. COMPOUND | RT EST. CONC. Q |
| 1. 134-62-3 Diethyltoluamide | 3.846 61 |

| Lab Name: GCAL | | Sample ID: 5 | SKGW63-10 | 114 | |
|---|-------------|--------------------|------------|---------------|--------------|
| Lab Code: LA024 Case No.: | | Contract: | | | |
| SAS No.: SDG No.: | | | | | |
| Matric Water | | - Lab Sample ID | 2050615 | 50911 | |
| | | · | | | 4005 |
| Sample w/voit: 1000 Units: mL | | Date Collected | : 00/15/05 | Time: | 1035 |
| Level: (low/med) LOW | | Date Received | : 06/16/05 | 5 | |
| % Moisture: decanted (Y/N) | | Date Extracted | : 06/20/05 | 5 | |
| GC Column: DB-5MS-30M :D: .25 | (mm) | Date Analyzed | 07/14/05 | Time | : 1436 |
| Concentrated Extract Volume: 1000 | — (µL) | Dilution Factor | : 1 | Anal | yst: JAR3 |
| Injection Valume: 1.0 | | Prep Method: | OLM4.2 S | VOA | |
| GPC Cleanup: (Y/N) N pH: | _ | Analytical Meth | rod: OLM | 04.2 | |
| OFC Cosamp. (1/N) N SH: | | | | | |
| CONCENTRATION UNITS: Up/L | | instrument ID: | | | |
| CONCENTRATION OF THE SECTION OF THE | | Prep Batch: | 293939 | Analytical Ba | atch: 295505 |
| CAS NO. COMPOUND | | RESULT | Q | MDL | RL |
| 95-95-4 2,4,5-Trichlorophenoi | | 10.0 | U | 0.010 | 10.0 |
| 88-06-2 2,4,6-Trichlorophenol | | 10.0 | υ | 0.010 | 10.0 |
| 120-83-2 2,4-Dichlorophenol | | 10.0 | U | 0.010 | 10.0 |
| 51-28-5 2,4-Dinitrophenol | | 25.0 | U | 0.010 | 25.0 |
| 121-14-2 2,4-Dinitrotoluene | | 10.0 | U | 0.010 | 10.0 |
| 606-20-2 2,6-Dinitrotoluene | | 10.0 | U | 0.010 | 10.0 |
| 91-58-7 2-Chloronaphthalene | | *0.0 | υ | 0.010 | 10.0 |
| 95-57-8 2-Chlorophenol | | 10.0 | U | 0.010 | 10.0 |
| 91-57-6 2-Methylnaphthalene | | 10.0 | υ | 0.010 | 10.0 |
| 88-74-4 2-Nitroaniline | | 25.0 | U | 0.010 | 25.0 |
| 88-75-5 2-Nitrophenol | | 10.0 | U | 0.010 | 10.0 |
| 91-94-1 3,3'-Dichlorobenzidine | | 10.0 | υ | 0.010 | 10.0 |
| 99-09-2 3-Nitroaniline | | 25.0 | U | 0.010 | 25.0 |
| 534-52-1 2-Methyl-4,6-dinitrophenol | | 25.0 | U | 0.010 | 25.0 |
| 59-50-7 4-Chloro-3-methylphenol | | 10.0 | U | 0.010 | 10.0 |
| 106-47-8 4-Chloroaniline | | 10.0 | U | 0.010 | 10.0 |
| 7005-72-3 4-Chlorophenyl-phenylether | | 10.0 | U | 0.010 | 10.0 |
| 106-44-5 4-Methylphenol (p-Cresol) | | 10.0 | U | 0.010 | 10.0 |
| 83-32-9 Acenaphthene | | 10.0 | U | 0.010 | 10.0 |
| 208-96-8 Acenaphthylene | | *0.0 | U | 0.010 | 10.0 |
| 120-12-7 Anthracene | | 10.0 | Ŭ | 0.010 | 10.0 |
| 56-55-3 Benzo(a)anthracene | | 10.0 | Ú | 0.010 | 10.0 |
| 50-32-8 Benzo(a)pyrene | | 10.0 | U | 0.010 | 10.0 |
| 205-99-2 Benzo(b)fluoranthene | | 10.0 | U | 0.010 | 10.0 |
| 191-24-2 Benzo(g,h,i)perylene | | 10.0 | U | 0.010 | 10.0 |
| 207-08-9 Benzo(k)fluoranthene | | 10.0 | U | 0.010 | 10.0 |
| 111-91-1 Bis(2-Chloroethoxy)methane | | 10.0 | U | 0.010 | 10.0 |
| 111-44-4 Bis(2-Chloroethyl)ether | | -0.0 | U | 0.010 | 10.0 |
| 108-60-1 bis(2-Chloroisopropy lether | | 10.0 | Ū | 0.010 | 10.0 |

| Lab Name: G | CAL | Sample ID: | SKGW63-10 |)14 | |
|--|----------------------------|-----------------|--------------|---------------|--------------|
| Lab Code: LA024 Case No.: Contract: | | | | | |
| SAS No.: SDG No.: 205061509 Lab File ID: 2050714/B0329 | | | | | |
| Matrix: Water | | Lab Sample ID | D: 2050615 | 50911 | |
| Sample wt/vol: | 1000 Units: mL | Date Collected | i: 06/15/0 | 5 | 1035 |
| Level: (low/med | | Date Received | d: 06/16/05 | 5 | |
| % Moisture: | decanted: (Y/N) | Date Extracted | d: 06/20/05 | 5 | |
| _ | DB-5MS-30M ID: .25 (mm) | Date Analyzed | l: 07/14/05 | Time | : 1436 |
| | xtract Volume: 1000 (µL) | Dilution Factor | : <u>1</u> | Analy | /st: JAR3 |
| Injection Volume: 1.0 (µL) Prep Method: OLM4.2 SVOA | | | | | |
| | Y/N) N pH: | Analytical Met | hod: OLM | O 4.2 | |
| | | Instrument ID: | MSSV3 | | |
| CONCENTRAT | ION UNITS: ug/L | Prep Batch: | 293939 | Analytical Ba | itch: 295505 |
| CAS NO. | COMPOUND | RESULT | | MDL. | RL |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 0.0581 | JB | 0.010 | 10.0 |
| 101-55-3 | 4-Bromophenyl-phenylether | 10.0 | U | 0.010 | 10.0 |
| 85-68-7 | Butylbenzylphthalate | 1.07 | j | 0.010 | 10.0 |
| 86-74-8 | Carbazole | 10.0 | u | 0.010 | 10.0 |
| 218-01-9 | Chrysene | 10.0 | Ū | 0.010 | 10.0 |
| 84-74-2 | Di-n-butylphthalate | 10.0 | Ü | 0.010 | 10.0 |
| 117-84-0 | Di-n-octylphthalate | 10.0 | Ū | 0.010 | 10.0 |
| 53-70-3 | Dibenz(a,h)anthracene | 10.0 | Ü | 0.010 | 10.0 |
| 132-64-9 | Dibenzofuran | 10.0 | Ü | 0.010 | 10.0 |
| 84-66-2 | Diethylphthalate | 10.0 | - | 0.010 | 10.0 |
| 131-11-3 | Dimethyl-phthalate | 10.0 | U | 0.010 | 10.0 |
| 105-67-9 | 2,4-Dimethylphenol | 10.0 | Ü | 0.010 | 10.0 |
| 206-44-0 | Fluoranthene | 10.0 | U | 0.010 | 10.0 |
| 86-73-7 | Fluorene | 10.0 | Ü | 0.010 | 10.0 |
| 118-74-1 | Hexachlorobenzene | 10.0 | U | 0.010 | 10.0 |
| 87-68-3 | Hexachlorobutadiene | 10.0 | Ü | 0.010 | 10.0 |
| 77-47-4 | Hexachlorocyclopentadiene | 10.0 | Ü | 0.010 | 10.0 |
| 67-72-1 | Hexachloroethane | 10.0 | Ū | 0.010 | 10.0 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 10.0 | Ü | 0.010 | 10.0 |
| 78-59-1 | Isophorone | 10.0 | Ü | 0.010 | 10.0 |
| 91-20-3 | Naphthalene | 10.0 | Ü | 0.010 | 10.0 |
| 100-01-6 | 4-Nitroaniline | 25.0 | Ü | 0.010 | 25.0 |
| 98-95-3 | Nitrobenzene | 10.0 | U | 0.010 | 10.0 |
| 100-02-7 | 4-Nitrophenol | 25.0 | Ü | 0.010 | 25.0 |
| 87-86-5 | Pentachiorophenol | 25.0 | υ | 0.010 | 25.0 |
| | | | U | | |
| 85-01-8 | Phenanthrene | 10.0 | U | 0.010 | 10.0 |
| 108-95-2 | Phenol | 10.0 | | 0.010 | 10.0 |
| 129-00-0 | Pyrene | 10.0 | U | 0.010 | 10.0 |
| 621-64-7 | N-Nitroso-di-n-propylamine | 10.0 | C | 0.010 | 10.0 |

9/8/05

| Lab Name: GCAL | | | Sample ID: S | KGW63-101 | 14 | |
|---------------------|----------------------|--------|------------------|------------|---|--------------------|
| Lab Code: LA024 | Case No : | | Contract: | | ····· | |
| SAS No.: | SDG No.: 205061 | 509 | Lab File ID: 2 | 050714/B03 | 29 | |
| Matrix Water | | | Lab Sample ID: | 20506150 | <u> 1911 </u> | |
| Sample wt/vol: 10 | 00 Units: mL | | Date Collected: | 06/15/05 | Time: | 1035 |
| Levet (low/med) | LOW | | Date Received: | 06/16/05 | | |
| % Moisture: | decanted: (Y*N) | | Date Extracted: | 06/20/05 | | |
| GC Column: DB-5 | MS-30M ID:25 | (mm) | Date Analyzed: | 07/14/05 | Time: | 1436 |
| Concentrated Extrac | t Volume: 1000 | (µL) | Dilution Factor: | 1 | Analy | st: JAR3 |
| Injection Volume: | 1.0 | (µL) | Prep Method: | OLM4.2 SV | /OA | |
| GPC Cleanup: (Y/N) | N pH: | | Analytical Meth | od: OLMC | 14.2 | |
| | | | Instrument ID: | MSSV3 | * **** **** ***** ***** | |
| CONCENTRATION | UNITS: ug/L | | Prep Batch: 2 | 93939 | _ Analytical Ba | tch: <u>295505</u> |
| CAS NO. CO | MPOUND | | RESULT | Q | MDL | RL |
| | Nitrosodiphenylamine | | 10.0 | U | 0.010 | 10.0 |
| 95-48-7 0-6 | Cresol | | 10.0 | U | 0.010 | 10.0 |

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| Lab Name: GCAL | Sample ID: SKGW63-1014 | |
|--|---|--|
| Lab Code: LA024 Case No.: | Contract: | |
| SAS No.: SDG No.: 205061509 | Lab File ID: 2050714/B0329 | |
| Matrix: Water | Lab Sample ID: 20506150911 | |
| Sample wt/vol: Units: | Date Collected: 06/15/05 Time: 1035 | |
| Level: (low/med) | Date Received: 06/16/05 | |
| % Moisture: not dec. | Date Extracted: | |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07/14/05 Time: 1436 | |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 | |
| Injection Volume: 1.0 (µL) | Prep Method: | |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: SW-846 8270C | |
| | Instrument ID: MSSV3 | |
| Number TICs Found: 1 | | |
| CONCENTRATION UNITS: | | |
| CAS NO. COMPOUND | RT EST. CONC. Q | |
| 1. 134-62-3 Diethyltoluamide | 3.846 31.3 | |

| Lab Name: GCAL | | Sample ID: | SKGW62A-1 | 014 | |
|---------------------------------------|--------------------|-----------------|--|---|---------------------------------------|
| Lab Code: LA024 | Case No : | Contract: | | | |
| SAS No.: | SDG No : 205061509 | Lab File ID: 2 | 2050714/803 | 30 | |
| Matrix: Water | | Lab Sample ID | 2050615 | 0912 | |
| Sample wt/vol: 1000 | Units: mL | Date Collected | i: <u>06/15/05</u> | Time: | 1130 |
| Level: (low/med) LOW | | Date Received | : 06/16/05 | | |
| % Moisture: | decanted: (Y/N) | Date Extracted | : 06/20/05 | · _ · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · |
| GC Column: DB-5MS-30M | I ID: .25 (mm) | Date Analyzed | 07/14/05 | Time | 1455 |
| Concentrated Extract Volum | ne: 1000 (µL) | Dilution Factor | : 1 | Analy | st JAR3 |
| Injection Volume: | | Prep Method: | OLM4.2 S | VOA | |
| | pH: | Analytical Meth | rod: OLMK | 14.2 | |
| *** * * * * * * * * * * * * * * * * * | · | Instrument ID: | MSSV3 | | |
| CONCENTRATION UNITS: | ug/L | Prep Batch: | | Analytical Ba | tch: 295505 |
| CAS NO. COMPO | UND | RESULT | | MDL | RL |
| 95-95-4 2,4,5-Trict | hlorophenoi | 10.0 | l u l | 0.010 | 10.0 |
| | Naraphena | 10.0 | - U | 0.010 | 10.0 |
| 120-83-2 2,4-Dichlo | | 10.0 | Ü | 0.010 | 10.0 |
| 51-28-5 2,4-Dinitro | | 25.0 | U | 0.010 | 25.0 |
| 121-14-2 2,4-Dinitro | | 10.0 | Ü | 0.010 | 10.0 |
| 606-20-2 2,6-Dinitro | | 10.0 | l ü | 0.010 | 10.0 |
| | aphthalene | 10.0 | | 0.010 | 10.0 |
| 95-57-8 2-Chloropi | | 10.0 | - | 0.010 | 10.0 |
| | aphthalene | 10.0 | U | 0.010 | 10.0 |
| 88-74-4 2-Nitroanii | · | 25.0 | U | 0.010 | 25.0 |
| 88-75-5 2-Nitrophe | | 10.0 | U | 0.010 | 10.0 |
| | robenzicine | 10.0 | | 0.010 | 10.0 |
| 99-09-2 3-Nitroanii | | 25.0 | U | 0.010 | 25.0 |
| | ,6-dinitrophenol | 25.0 | - U | 0.010 | 25.0 |
| | -methylphenol | 10.0 | U | 0.010 | 10.0 |
| 106-47-8 4-Chloroar | | 10.0 | - U | 0.010 | 10.0 |
| | henyl-phenylether | 10.0 | - U | 0.010 | 10.0 |
| | nenol (p-Cresol) | 10.0 | - U | 0.010 | |
| | | 10.0 | U | | 10.0 |
| | | | | 0.010 | 10.0 |
| 206-96-8 Acenaphth | | 10.0 | <u> </u> | 0.010 | 10.0 |
| 120-12-7 Anthracen | | 10.0 | U | | 10.0 |
| 56-55-3 Benzo(a)a | | 10.0 | U | 0.010 | 10.0 |
| 50-32-8 Benzo(a)p | <u> </u> | 10.0 | <u>U</u> | 0.010 | 10.0 |
| | uoranthene | 10.0 | U | 0.010 | 10.0 |
| 191-24-2 Benzo(g,h, | | 10.0 | U | 0.010 | 10.0 |
| | uoranthene | 10.0 | U | 0.010 | 10.0 |
| | roethoxy imethane | 10.0 | U | 0.010 | 10.0 |
| | roethyl)e#er | 10.0 | U | 0.010 | 10.0 |
| 108-60-1 bis(2-Chlor | roisopropyhether | 10.0 | IJ | 0.010 | 10.0 |

| Lab Name: GO | CAL | Sample ID: | SKGW62A- | 1014 | |
|------------------|----------------------------|----------------------------------|--------------------|---------------|-------------|
| Lab Code: LAG | 024 Case No.: | Contract: | | | |
| SAS No.: | SDG No.: 205061509 | Lab File ID: _2 | 2050714/B0 | 330 | · |
| Matrix: Water | | Lab Sample ID | 2050615 | 0912 | |
| Sample wt/vol: | 1000 Units: mL | Date Collected | l: <u>06/15/05</u> | Time: | 1130 |
| Level: (low/med) | LOW | Date Received | : 06/16/05 | 5 | |
| % Moisture: | decanted: (Y/N) | Date Extracted | 1: 06/20/05 | j | |
| GC Column: D | B-5MS-30M ID:25 (mm) | Date Analyzed | : 07/14/05 | Time | : 1455 |
| Concentrated Ex | tract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 | | | st: JAR3 |
| | : <u>1.0</u> (μL) | | | | |
| GPC Cleanup: (| Y/N) <u>N</u> pH: | Analytical Meth | nod: OLM | 0 4.2 | |
| | | Instrument ID: | MSSV3 | | |
| CONCENTRATI | ON UNITS: ug/L | Prep Batch: | 293939 | Analytical Ba | tch: 295505 |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 0.0 5.64 | JB | 0.010 | 10.0 |
| 101-55-3 | 4-Bromophenyl-phenylether | 10.0 | U | 0.010 | 10.0 |
| 85-68-7 | Butylbenzylphthalate | 10.0 | U | 0.010 | 10.0 |
| 86-74-8 | Carbazole | 10.0 | Ü | 0.010 | 10.0 |
| 218-01-9 | Chrysene | 10.0 | U | 0.010 | 10.0 |
| 84-74-2 | Di-n-butylphthalate | 10.0 | U | 0.010 | 10.0 |
| 117-84-0 | Di-n-octylphthalate | 10.0 | U | 0.010 | 10.0 |
| 53-70-3 | Dibenz(a,h)anthracene | 10.0 | Ü | 0.010 | 10.0 |
| 132-64-9 | Dibenzofuran | 10.0 | U | 0.010 | 10.0 |
| 84-66-2 | Diethylphthalate | 10.0 | U | 0.010 | 10.0 |
| 131-11-3 | Dimethyl-phthalate | 10.0 | U | 0.010 | 10.0 |
| 105-67-9 | 2,4-Dimethylphenol | 10.0 | U | 0.010 | 10.0 |
| 206-44-0 | Fluoranthene | 10.0 | U | 0.010 | 10.0 |
| 86-73-7 | Fluorene | 10.0 | Ü | 0.010 | 10.0 |
| 118-74-1 | Hexachlorobenzene | 10.0 | U | 0.010 | 10.0 |
| 87-68-3 | Hexachlorobutadiene | 10.0 | U | 0.010 | 10.0 |
| 77-47-4 | Hexachlorocyclopentadiene | 10.0 | U | 0.010 | 10.0 |
| 67-72-1 | Hexachloroethane | 10.0 | U | 0.010 | 10.0 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 10.0 | U | 0.010 | 10.0 |
| 78-59-1 | Isophorone | 10.0 | U | 0.010 | 10.0 |
| 91-20-3 | Naphthalene | 10.0 | U | 0.010 | 10.0 |
| 100-01-6 | 4-Nitroaniline | 25.0 | U | 0.010 | 25.0 |
| 98-95-3 | Nitrobenzene | 10.0 | U | 0.010 | 10.0 |
| 100-02-7 | 4-Nitrophenol | 25.0 | U | 0.010 | 25.0 |
| 87-86-5 | Pentachlorophenol | 25.0 | U | 0.010 | 25.0 |
| 85-01-8 | Phenanthrene | 10.0 | U | 0.010 | 10.0 |
| 108-95-2 | Phenol | 10.0 | U | 0.010 | 10.0 |
| 129-00-0 | Pyrene | 10.0 | U | 0.010 | 10.0 |
| 621-64-7 | N-Nitroso-di-n-propylamine | 10.0 | U | 0.010 | 10.0 |

9/8/03

| Lab Name: GCAL | | Sample ID SI | KGW62A-1014 | 4 | |
|--------------------------|-----------------------|------------------|-------------|----------------|-------------------|
| Lab Code: LA024 | Case No.: | Contract: | | | |
| SAS No.: | SDG No.: 205061509 | Lab File ID: 20 | 50714/B0330 | | <u>_</u> |
| Matrix: Water | | Lab Sample ID: | 2050615091 | 12 | |
| Sample wt/vol: 1000 | Units: mL | Date Collected: | 06/15/05 | Time: | 1130 |
| Level: (low/med) LOW | | Date Received: | 06/16/05 | _ | |
| % Moisture: | decanted (Y/N) | Date Extracted: | 06/20/05 | | |
| GC Column: DB-5MS-3 | OM D:25 (mm) | Date Analyzed: | 07/14/05 | Time: | 1455 |
| Concentrated Extract Vol | ıme: <u>1000</u> (μὶ) | Dilution Factor: | 1 | Analy: | st: JAR3 |
| Injection Volume: | 1.0 (µL) | Prep Method: | OLM4.2 SVO | A | |
| GPC Cleanup: (Y/N) N | pH: | Analytical Metho | od: OLMO 4 | 2 | |
| | | Instrument ID: | MSSV3 | | |
| CONCENTRATION UNIT | S: ug/L | Prep Batch: 2 | 93939 | Analytical Bat | ch: <u>295505</u> |
| CAS NO. COMP | OUND | RESULT | Q | MDL | RL |
| 86-30-6 N-Nitros | odiphenylamine | 10.0 | U | 0.010 | 10.0 |
| 95-48-7 o-Creso | | 10.0 | U | 0.010 | 10.0 |

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| Lab Name: GCAL | Sample ID: SKGW | 62A-1014 | |
|--|--------------------|---------------|---------|
| Lab Code: LA024 Case No.: | Contract: | | |
| SAS No.: SDG No.: 205061509 | Lab File ID: 20507 | 14/B0330 | |
| Matrix: Water | Lab Sample ID: 20 | 0506150912 | ····· |
| Sample wt/vol: Units: | Date Collected: 06 | 3/15/05 Time: | 1130 |
| Level: (low/med) | Date Received: 06 | 6/16/05 | |
| % Moisture: not dec. | Date Extracted: | | |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07 | 7/14/05 Time: | 1455 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 | Analys | t: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: | | |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: | SW-846 8270C | |
| | Instrument ID: MS | SV3 | |
| Number TICs Found: 1 | | | |
| CONCENTRATION UNITS: | | | |
| CAS NO. COMPOUND | RT | EST. CONC. | Q |
| 1. 134-62-3 Diethyltoluamide | 3.846 | 5.43 | |

| Lab Name: GCAL | Sample ID: SKGW60 | -1014 | |
|--|-----------------------|---------------|-------------|
| Lab Code: LA024 Case No : | Contract: | | |
| SAS No.: SDG No.: 205061509 | Lab File ID: 2050714 | /B0331 | |
| Matrix Water | Lab Sample ID: 2050 | 6150921 | |
| Sample wt/vol: 940 Units: mL | Date Collected: 06/10 | 5/05 Time: | 1335 |
| Level: (low/med) LOW | Date Received: 06/17 | 7/05 | |
| % Moisture: decanted: (Y'N) | Date Extracted: 06/20 |)/05 | |
| GC Column: D8-5MS-30M ID: .25 (mm) | Date Analyzed: 07/14 | 1/05 Time | : 1515 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 | Analy | st JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: OLM4. | 2 SVOA | |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: O | LMO 4.2 | |
| | Instrument ID: MSSV | 3 | |
| CONCENTRATION UNITS: ug/L | Prep Batch: 293939 | Analytical Ba | tch: 295505 |
| CAS NO. COMPOUND | RESULT Q | MDL | RL |
| 95-95-4 2,4,5-Trichloropheno | 10.6 U | 0.011 | 10,6 |
| 88-06-2 2,4,6-Trichlorophenal | 10.6 U | 0.011 | 10.6 |
| 120-83-2 2,4-Dichlorophenol | 10.6 U | 0.011 | 10.6 |
| 51-28-5 2,4-Dinitrophenol | 26.6 U | 0.011 | 26.6 |
| 121-14-2 2,4-Dinitrotoluene | 10.6 U | 0.011 | 10.6 |
| 606-20-2 2,6-Dinitrotoluene | 10.6 U | 0.011 | 10.6 |
| 91-58-7 2-Chloronaphthalene | 10.6 U | 0.011 | 10.6 |
| 95-57-8 2-Chigrophenol | 10.6 U | 0.011 | 10.6 |
| 91-57-6 2-Methylnaphthalene | 10.6 U | 0.011 | 10.6 |
| 88-74-4 2-Nitroaniine | 26.6 U | 0.011 | 26.6 |
| 88-75-5 2-Nitrophenol | 10.6 U | 0.011 | 10.6 |
| 91-94-1 3.3'-Dichlorobenzidine | 10.6 U | 0.011 | 10.6 |
| 99-09-2 3-Nitroaniline | 26.6 U | 0.011 | 26.6 |
| 534-52-1 2-Methyl-4,6-din/trophenol | 25.6 U | 0.011 | 26.6 |
| 59-50-7 4-Chloro-3-methylphenoi | 10.6 U | 0.011 | 10.6 |
| 106-47-8 4-Chloroaniline | 10.6 U | 0.011 | 10.6 |
| 7005-72-3 4-Chlorophenyl-phenylether | 10.6 U | | 10.6 |
| 106-44-5 4-Methylphenol (p-Cresol) | 10.6 U | 0.011 | 10.6 |
| 83-32-9 Acenaphthene | 10.6 U | 0.011 | 10.6 |
| 208-96-8 Acenaphthylene | 10.6 U | 0.011 | 10.6 |
| 120-12-7 Anthracene | 10.6 U | 0.011 | 10.6 |
| 56-55-3 Benzo(a)anthracene | 10.6 U | 0.011 | 10.6 |
| 50-32-8 Benzo(a)pyrene | 10.6 U | 0.011 | 10.6 |
| 205-99-2 Benzo(b)fluoranthene | 10.6 U | 0.011 | 10.6 |
| 191-24-2 Benzo(g,h,i)perytere | 10.6 U | 0.011 | 10.6 |
| 207-08-9 Benzo(k)fluoranthene | 10.6 U | 0.011 | 10.6 |
| 111-91-1 Bis(2-Chloroethoxy methane | 10.6 U | 0.011 | 10.6 |
| 111-44-4 Bis(2-Chloroethy)ether | 10.6 U | 0.011 | 10.6 |
| 108-60-1 bis(2-Chloroisopropy ether | 10.6 U | 0.011 | 10.6 |
| PROCESS CONTRACTOR CON | 10.0 | Ų.U I I | 10.0 |

| Lab Name: GC | CAL | Sample ID: | SKGW60-10 | 014 | | |
|----------------|----------------------------|-----------------|------------------|---------------|--------------|----------|
| Lab Code: LAC | 24 Case No.: | Contract: | | | | _ |
| SAS No.: | SDG No.: 205061509 | Lab File ID: | 2050714/B0 | 331 | | |
| Matrix: Water | | Lab Sample ID | D: <u>205061</u> | 50921 | | |
| Sample wt/vol: | 940 Units: mL | Date Collected | d: 06/16/0 | 5 Time: | 1335 | |
| • | LOW | Date Received | | | | |
| | decanted: (Y/N) | Date Extracted | | | | _ |
| _ | B-5MS-30M ID: .25 (mm) | Date Analyzed | 1: 07/14/0 | 5 Time | : 1515 | |
| _ | tract Volume: 1000 (µL) | Dilution Factor | r: <u>1</u> | Analy | yst: JAR3 | |
| | : (,µL) | Prep Method: | OLM4.2 S | SVOA | | |
| | //N) N pH: | Analytical Met | hod: OLM | IO 4.2 | | _ |
| O. O O.O | | Instrument ID: | MSSV3 | | | |
| CONCENTRATIO | ON UNITS: ug/L | Prep Batch: | | Analytical Ba | itch: 295505 | |
| CAS NO. | COMPOUND | RESULT | | MDL | RL | |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 10.0984 | JB | 0.011 | 10.6 | ٦u |
| 101-55-3 | 4-Bromophenyl-phenylether | 10.6 | U | 0.011 | 10.6 | 1 |
| 85-68-7 | Butylbenzylphthalate | 10.6 | Ü | 0.011 | 10.6 | ┪ |
| 86-74-8 | Carbazole | 10.6 | U | 0.011 | 10.6 | 7 |
| 218-01-9 | Chrysene | 10.6 | Ū | 0.011 | 10.6 | ┪ |
| 84-74-2 | Di-n-butylphthalate | 10.00.887 | JB | 0.011 | 10.6 | ٦u |
| 117-84-0 | Di-n-octylphthalate | 10.6 | U | 0.011 | 10.6 | ٦, |
| 53-70-3 | Dibenz(a,h)anthracene | 10.6 | U | 0.011 | 10.6 | 7 |
| 132-64-9 | Dibenzofuran | 10.6 | U | 0.011 | 10.6 | - |
| 84-66-2 | Diethylphthalate | 10.6 | Ū | 0.011 | 10.6 | ┪ |
| 131-11-3 | Dimethyl-phthalate | 10.6 | U | 0.011 | 10.6 | ┑ |
| 105-67-9 | 2,4-Dimethylphenol | 10.6 | U | 0.011 | 10.6 | - |
| 206-44-0 | Fluoranthene | 10.6 | U | 0.011 | 10.6 | ┪ |
| 86-73-7 | Fluorene | 10.6 | U | 0.011 | 10.6 | 7 |
| 118-74-1 | Hexachlorobenzene | 10.6 | U | 0.011 | 10.6 | 7 |
| 87-68-3 | Hexachlorobutadiene | 10.6 | U | 0.011 | 10.6 | ┑ |
| 77-47-4 | Hexachlorocyclopentadiene | 10.6 | U | 0.011 | 10.6 | _ |
| 67-72-1 | Hexachloroethane | 10.6 | U | 0.011 | 10.6 | 1 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 10.6 | U | 0.011 | 10.6 | 7 |
| 78-59-1 | Isophorone | 10.6 | U | 0.011 | 10.6 | 7 |
| 91-20-3 | Naphthalene | 10.6 | U | 0.011 | 10.6 | ~ |
| 100-01-6 | 4-Nitroaniline | 26.6 | U | 0.011 | 26.6 | 7 |
| 98-95-3 | Nitrobenzene | 10.6 | U | 0.011 | 10.6 | ヿ゙ |
| 100-02-7 | 4-Nitrophenol | 26.6 | U | 0.011 | 26.6 | 7 |
| 87-86-5 | Pentachlorophenol | 26.6 | U | 0.011 | 26.6 | 7 |
| 85-01-8 | Phenanthrene | 10.6 | υ | 0.011 | 10.6 | 7 |
| 108-95-2 | Phenol | 10.6 | U | 0.011 | 10.6 | 7 |
| 129-00-0 | Pyrene | 10.6 | υ | 0.011 | 10.6 | ٦ |
| 204 24 7 | NI NPC P | 40.0 | | 0.044 | 40.0 | 7 |

9/8/05

| Lab Name: GCAL | | Sample ID: S | SKGW60-10 |)14 | |
|---|-------------|-----------------|--------------------|---------------|---------------------|
| Lab Code: LA024 Case No.: | | Contract: | | | |
| SAS No.: SDG No.: | 5061509 | Lab File ID: 2 | 205 0714/B0 | 331 | |
| Matrix: Water | | Lab Sample ID | 2050615 | 60921 | |
| Sample wt/vol: 940 Units: mL | | Date Collected | : 06/16/05 | Time: | 1335 |
| Level: (low/med) LOW | | Date Received | 06/17/05 | <u> </u> | |
| % Moisture: decanted: (YN) | | Date Extracted | : 06/20/05 | <u> </u> | |
| GC Column: <u>DB-5MS-30M</u> ID: <u>.25</u> | (mm) | Date Analyzed | 07/14/05 | Time | : 1515 |
| Concentrated Extract Volume: 1000 | (µL) | Dilution Factor | : <u>1</u> | Analy | st JAR3 |
| Injection Volume: 1.0 | (µL) | Prep Method: | OLM4.2 S | VOA | |
| GPC Cleanup: (Y/N) N pH: | | Analytical Meth | vod: OLM | 042 | |
| | | instrument ID: | MSSV3 | | |
| CONCENTRATION UNITS: ug/L | | Prep Batch: | 293939 | Analytical Ba | tich: <u>295505</u> |
| CAS NO. COMPOUND | | RESULT | Q | MDL | RL |
| 86-30-6 N-Nitrosodiphenylamine | · | 10.6 | U | 0.011 | 10.6 |
| 95-48-7 o-Cresol | | 10.6 | υ | 0.011 | 10.6 |

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| Lab Name: GCAL | Sample ID: SKGW60-1014 |
|---|-------------------------------------|
| Lab Code: LA024 Case No.: | Contract: |
| SAS No.: SDG No.: _205061509 | Lab File ID: 2050714/B0331 |
| Matrix: Water | Lab Sample ID: 20506150921 |
| Sample wt/vol: Units: | Date Collected: 06/16/05 Time: 1335 |
| Level: (low/med) | Date Received: 06/17/05 |
| % Moisture: not dec. | Date Extracted: |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07/14/05 Time: 1515 |
| Concentrated Extract Volume: 1000 (µL) | Dilutton Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: SW-846 8270C |
| | Instrument ID: MSSV3 |
| Number TICs Found: 1 | |
| CONCENTRATION UNITS: | |
| CAS NO. COMPOUND | RT EST. CONC. Q |
| 1. 603-11-2 1,2-Benzenedicarboxylic acid, | 6.279 11.7 |

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name: GCAL | Sample ID: SKGV | V58-1014 | |
|--|--------------------|---------------|-------------|
| Lab Code: LA024 Case No.: | Contract: | | |
| SAS No.: SDG No.: 205061509 | Lab File ID: 20507 | 14/B0332 | |
| Matrix: Water | Lab Sample ID: 20 | 0506150922 | |
| Sample wt/vol: 1000 Units: mL | Date Collected: 06 | 5/16/05 Time: | 1005 |
| Level: (low/med) LOW | Date Received: 06 | 5/17/05 | |
| % Moisture: decanted: (Y/N) | Date Extracted: 06 | i/20/05 | |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07 | 7/14/05 Time | 1534 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 | Analy | st JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: OLJ | 44.2 SVOA | |
| | Analytical Method: | OLMO 4.2 | |
| GPC Cleanup: (Y/N) N pH: | Instrument ID: MS | | |
| CONCENTRATION UNITS: ug/L | Prep Batch: 2939 | | tch: 295505 |
| CAS NO. COMPOUND | · | MDL | RL |
| | RESULT | | |
| 95-95-4 2,4,5-Trichlorophenol | 10.0 | U 0.010 | 10.0 |
| 88-06-2 2,4,6-Trichlorophenol | 10.0 | U 0.010 | 10.0 |
| 120-83-2 2,4-Dichlorophenol | 10.0 | U 0.010 | 10.0 |
| 51-28-5 2,4-Dinitrophenol | 25.0 | U 0.010 | 25.0 |
| 121-14-2 2,4-Dinitrololuene | 16.0 | U 0.010 | 10.0 |
| 606-20-2 2,6-Dinitrotoluene | 10.0 | U 0.010 | 10.0 |
| 91-58-7 2-Chloronaphthalene | 10.0 | U 0.010 | 10.0 |
| 95-57-8 2-Chilorophenol | 10.0 | U 0.010 | 10.0 |
| 91-57-6 2-Methylnaphthalene | 10.0 | U 0.010 | 10.0 |
| 88-74-4 2-Nitroaniline | 25.0 | U 0.010 | 25.0 |
| 88-75-5 2-Nitrophenol | 10.0 | J 0.010 | 10.0 |
| 91-94-1 3,3-Dichlorobenzidine | 10.0 | J 0.010 | 10.0 |
| 99-09-2 3-Nitroaniline | 25.0 | J 0.010 | 25.0 |
| 534-52-1 2-Methyl-4,6-dinitrophenol | 25.0 | J 0.010 | 25.0 |
| 59-50-7 4-Chloro-3-methylphenol | 10.0 | J 0.010 | 10.0 |
| 106-47-8 4-Chloroaniine | 100 | J 0.010 | 10.0 |
| 7005-72-3 4-Chlorophenyl-pherylether | 10.0 | J 0.010 | 10.0 |
| 106-44-5 4-Methylphenol (p-C'esoi) | 10.0 | J 0.010 | 10.0 |
| 83-32-9 Acenaphthene | 10.0 | J 0.010 | 10.0 |
| 208-96-8 Acenaphthylene | *0.0 l | J 0.010 | 10.0 |
| 120-12-7 Anthracene | 10.0 l | J 0.010 | 10.0 |
| 56-55-3 Benzo(a)anthracene | 10.0 L | J 0.010 | 10.0 |
| 50-32-8 Benzo(a)pyrene | 10.0 | J 0.010 | 10.0 |
| 205-99-2 Benzo(b)fluoranthene | 10.0 L | J 0.010 | 10.0 |
| 191-24-2 Benzo(g,h,i)perylene | 10.0 | J 0.010 | 10.0 |
| 207-08-9 Benzo(k)fluoranthene | 10.0 l | 0.010 | 10.0 |
| 111-91-1 Bis(2-Chloroethoxy)methane | 10.0 l | 0.010 | 10.0 |
| 111-44-4 Bis(2-Chloroethyl)ether | • 0.0 · (| 0.010 | 10.0 |
| 108-60-1 bis(2-Chloroisopropy ether | .5.5 r | J 0.010 | 10.0 |

| Lab Name: GC | CAL | Sample ID: | SKGW58-10 | 014 | | |
|------------------|----------------------------|-----------------|-------------|---------------|--------------|----|
| Lab Code: LAC | 024 Case No.: | Contract: | ··· | | | |
| SAS No.: | SDG No.: 205061509 | Lab File ID: | 2050714/B0 | 332 | | |
| Matrix: Water | | Lab Sample ID | D: 205061 | 50922 | | |
| Sample wt/vol: | 1000 Units: mL | Date Collected | d: 06/16/0 | 5 Time: | 1005 | |
| Level: (low/med) | | Date Received | d: 06/17/0 | 5 | | |
| % Moisture: | decanted: (Y/N) | Date Extracted | d: 06/20/0 | 5 | | |
| GC Column: DI | 3-5MS-30M ID: .25 (mm) | Date Analyzed | 1: 07/14/0 | 5 Time | : 1534 | |
| Concentrated Ex | tract Volume: 1000 (µL) | Dilution Factor | r: <u>1</u> | Anal | yst: JAR3 | |
| Injection Volume | : (µL) | Prep Method: | OLM4.2 S | SVOA | | |
| GPC Cleanup: (| (/N) N pH: | Analytical Met | hod: OLM | O 4.2 | | |
| | | Instrument ID: | MSSV3 | | | |
| CONCENTRATIO | ON UNITS: ug/L | Prep Batch: | 293939 | Analytical Ba | itch: 295505 | |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL | |
| 117-81-7 | bis(2-ethylhexyl)phthalate | 10.00 | JB | 0.010 | 10.0 | Ju |
| 101-55-3 | 4-Bromophenyl-phenylether | 10.0 | U | 0.010 | 10.0 | 7 |
| 85-68-7 | Butylbenzylphthalate | 10.0 | U | 0.010 | 10.0 | 7 |
| 86-74-8 | Carbazole | 10.0 | U | 0.010 | 10.0 | 7 |
| 218-01-9 | Chrysene | 10.0 | U | 0.010 | 10.0 | 7 |
| 84-74-2 | Di-n-butylphthalate | 10.0 | U | 0.010 | 10.0 | 7 |
| 117-84-0 | Di-n-octylphthalate | 10.0 | U | 0.010 | 10.0 | 7 |
| 53-70-3 | Dibenz(a,h)anthracene | 10.0 | U | 0.010 | 10.0 | ┫ |
| 132-64-9 | Dibenzofuran | 10.0 | U | 0.010 | 10.0 | 7 |
| 84-66-2 | Diethylphthalate | 10.0 | U | 0.010 | 10.0 | 7 |
| 131-11-3 | Dimethyl-phthalate | 10.0 | U | 0.010 | 10.0 | 7 |
| 105-67-9 | 2,4-Dimethy/phenol | 10.0 | U | 0.010 | 10.0 | 7 |
| 206-44-0 | Fluoranthene | 10.0 | U | 0.010 | 10.0 | 7 |
| 86-73-7 | Fluorene | 10.0 | Ü | 0.010 | 10.0 | 7 |
| 118-74-1 | Hexachlorobenzene | 10.0 | U | 0.010 | 10.0 | 7 |
| 87-68-3 | Hexachlorobutadiene | 10.0 | U | 0.010 | 10.0 | 7 |
| 77-47-4 | Hexachlorocyclopentadiene | 10.0 | U | 0.010 | 10.0 | 7 |
| 67-72-1 | Hexachioroethane | 10.0 | U | 0.010 | 10.0 | 7 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 10.0 | U | 0.010 | 10.0 | 7 |
| 78-59-1 | Isophorone | 10.0 | U | 0.010 | 10.0 | 7 |
| 91-20-3 | Naphthalene | 10.0 | U | 0.010 | 10.0 | 7 |
| 100-01-6 | 4-Nitroaniline | 25.0 | U | 0.010 | 25.0 | 7 |
| 98-95-3 | Nitrobenzene | 10.0 | U | 0.010 | 10.0 | 7 |
| 100-02-7 | 4-Nitrophenol | 25.0 | U | 0.010 | 25.0 | 7 |
| 87-86-5 | Pentachlorophenol | 25.0 | U | 0.010 | 25.0 | 7 |
| 85-01-8 | Phenanthrene | 10.0 | U | 0.010 | 10.0 | 7 |
| 108-95-2 | Phenol | 10.0 | U | 0.010 | 10.0 | 7 |
| 129-00-0 | Pyrene | 10.0 | U | 0.010 | 10.0 | 7 |
| CO4 C4 7 | N. Alikana di a manulamina | 40.0 | 11 | 0.040 | 40.0 | 7 |

9/8/05

| Lab Name: GCAL | Sample ID: SKGW58-1014 |
|--|---|
| Lab Code: LA024 Case No.: | Contract |
| SAS No.: SDG No.: 205061509 | Lab File ID: 2050714/B0332 |
| Matric Water | Lab Sample ID: 20506150922 |
| Sample wt/vot: 1000 Units: mL | Date Collected: 06/16/05 Time: 1005 |
| Level: (low/med) LOW | Date Received: 06/17/05 |
| % Moisture: decanted: (Y*N) | Date Extracted: 06/20/05 |
| GC Column: DB-5MS-30M ID: 25 (mm) | Date Analyzed: 07/14/05 Time: 1534 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: OLM4.2 SVQA |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLMO 4.2 |
| | Instrument ID: MSSV3 |
| CONCENTRATION UNITS: ug/L | Prep Batch: 293939 Analytical Batch: 295505 |
| CAS NO. COMPOUND | RESULT Q MDL RL |
| 86-30-6 N-Nitrosodiphenylamine | 10.0 U 0.010 10.0 |
| 95-48-7 o-Cresol | 10.0 U 0.010 10.0 |

İF SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| Sample ID: SKGW58-1014 |
|--|
| Contract: |
| Lab File ID: 2050714/B0332 |
| Lab Sample ID: 20506150922 |
| Date Collected: 06/16/05 Time: 1005 |
| Date Received: 06/17/05 |
| Date Extracted: |
| Date Analyzed: <u>07/14/05</u> Time: <u>1534</u> |
| Dilution Factor: 1 Analyst: JAR3 |
| Prep Method: |
| Analytical Method: SW-846 8270C |
| Instrument ID: MSSV3 |
| |
| |
| RT EST. CONC. Q |
| 6.278 5.74 |
| n) |

| Lab Name: GCAL | Sample ID: SI | KGW06R-10 | 14 | |
|---|------------------|-----------|--------------|---------------------------------------|
| Lab Code: LA024 Case No.: | Contract: | | | · · · · · · · · · · · · · · · · · · · |
| Matric Water | SAS No.: | | SDG No.: | 205061509 |
| Sample welvol: 1000 Units: mL | Lab Sample ID: | 205061509 | 201 | |
| Level: (low/med) LOW | Date Collected: | 06/14/05 | Time: | 1515 |
| % Moisture: decanted: (Y/N) | Date Received: | 06/15/05 | | |
| GC Column: ID: (mm) | Date Extracted: | 06/20/05 | | |
| Concentrated Extract Volume: 1000 (µL) | Date Analyzed: | 06/24/05 | Time: | 0435 |
| Soil Aliquot Volume: (µL) | Dilution Factor: | 1 | Analys | t <u>TLS</u> |
| Injection Volume: 1 (µL) | Prep Method: | OLM4.2 PE | ST/PCB | |
| GPC Cleanup: (Y/N) N pH: | Analytical Metho | d: OLMO | 42 | |
| Prep Batch: 293936 Analytical Batch: 294768 | Sulfur Cleanup: | (Y/N) N | Instrument I | D: GCS12A |
| CONCENTRATION UNITS: Up/L | Lab File ID: | 205062 | 3/SV12A019 | |
| CAS NO. COMPOUND | RESULT | Q | MDL | RL |
| 72-54-8 4,4-000 | 0.100 | U | 0.000100 | 0.100 |
| 72-55-9 4,4-00E | 0.10C | U | 0.000100 | 0.100 |
| 50-29-3 4,4'-DDT | 0.100 | Ü | 0.000100 | 0.100 |
| 309-00-2 Aldrin | 0.050 | U | 0.000100 | 0.050 |
| 12674-11-2 Araclar-1016 | 1.00 | Ü | 0.000100 | 1.00 |
| 11104-28-2 Aroclor-1221 | 2.00 | IJ | 0.000100 | 2.00 |
| 11141-16-5 Aroclor-1232 | 1.00 | U | 0.000100 | 1.00 |
| 53489-21-9 Aroclor-1242 | 1.00 | U | 0.000100 | 1.00 |
| 12672-29-6 Aractor-1248 | 1.00 | U | 0.000100 | 1.00 |
| 11097-89-1 Aroclor-1254 | 1.00 | U | 0.000100 | 1.00 |
| 11096-82-5 Araciar-1260 | 1.0C | U | 0.000100 | 1.00 |
| 80-57-1 Dieldrin | 0.100 | U | 0.000100 | 0.100 |
| 950-86-8 Endosulfan i | 0.050 | U | 0.000100 | 0.050 |
| 33213-65-9 Endoeulien II | 0.100 | υ | 0.000100 | 0.100 |
| 1031-07-8 Endosulian sulfate | 0.100 | U | 0.000100 | 0.100 |
| 72-20-8 Endrin | 0.100 | U | 0.000100 | 0.100 |
| 7421-93-4 Endrin aldehyde | 0.100 | U | 0.000100 | 0.100 |
| 53494-70-5 Endrin ketone | 0.100 | U | 0.000100 | 0.100 |
| 76-44-8 Heptachior | 0.050 | Ü | 0.000100 | 0.050 |
| 1024-57-3 Heptachlor eposide | 0.050 | U | 0.000100 | 0.050 |
| 72-43-5 Methasychlar | 0.500 | U | 0.000100 | 0.500 |
| 8001-35-2 Toxaphene | 5.00 | U | 0.000100 | 5.00 |
| 319-84-6 alpha-BHC | 0.050 | U | 0.000100 | 0.050 |
| 5103-71-9 slphe-Chlordene | 0.050 | U | 0.000100 | 0.050 |
| 319-85-7 beta-BHC | 0.050 | U | 0.000100 | 0.050 |
| 319-86-8 deta-BHC | 0.050 | U | 0.000100 | 0.050 |
| 58-89-9 gamma-BHC (Lindane) | 0.050 | U | 0.000100 | 0.050 |
| 5103-74-2 gamme-Chlordane | 0.050 | U | 0.000100 | 0.050 |

| Lab Name: GCAL | Sample ID: SKGW07R-1014 |
|---|---|
| Lab Code: LA024 Case No.: | Contract: |
| Matrix: Water | SAS No.: SDG No.: 205061509 |
| Sample wt/vol: 1000 Units: mL | Lab Sample ID: 20506150902 |
| Level: (low/med) LOW | Date Collected: 06/14/05 Time: 1555 |
| % Moisture: decanted: (Y/N) | Date Received: 06/15/05 |
| GC Column: ID: (mm) | Date Extracted: 06/20/05 |
| Concentrated Extract Volume: 1000 (µL) | Date Analyzed: 06/24/05 Time: 0453 |
| Soil Aliquot Volume: (µL) | Dilution Factor: 1 Analyst: TLS |
| Injection Volume: 1 (µL) | Prep Method: OLM4.2 PEST/PCB |
| | |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLMO 4.2 |
| Prep Batch: 293938 Analytical Batch: 294768 | Sulfur Cleanup: (Y/N) N Instrument ID: GCS12A |
| CONCENTRATION UNITS: ug/L | Lab File ID: 2050623/SV12A020 |
| CAS NO. COMPOUND | RESULT Q MDL RL |
| 72-54-8 4,4-DDD | 0.100 U 0.000100 0.100 |
| 72-55-9 4,4'-DDE | 0.100 U 0.000100 0.100 |
| 50-29-3 4,4'-DDT | 0.100 U 0.000100 0.100 |
| 309-00-2 Aldrin | 0.050 U 0.000100 0.050 |
| 12674-11-2 Aroclor-1016 | 1.00 U 0.000100 1.00 |
| 11104-28-2 Aroclor-1221 | 2.00 U 0.000100 2.00 |
| 11141-16-5 Aroclor-1232 | 1.00 U 0.000100 1.00 |
| 53469-21-9 Aroclor-1242 | 1.00 U 0.000100 1.00 |
| 12672-29-6 Arocior-1248 | 1.00 U 0.000100 1.00 |
| 11097-69-1 Aroclor-1254 | 1.00 U 0.000100 1.00 |
| 11096-82-5 Aroclor-1260 | 1.00 U 0.000100 1.00 |
| 60-57-1 Dieldrin | 0.100 U 0.000100 0.100 |
| 959-98-8 Endosulfan I | 0.050 U 0.000100 0.050 |
| 33213-65-9 Endosulfan II | 0.100 U 0.000100 0.100 |
| 1031-07-8 Endosulfan sulfate | 0.100 U 0.000100 0.100 |
| 72-20-8 Endrin | 0.100 U 0.000100 0.100 |
| 7421-93-4 Endrin aldehyde | 0.100 U 0.000100 0.100 |
| 53494-70-5 Endrin ketone | 0.100 U 0.000100 0.100 |
| 76-44-8 Heptachlor | 0.050 U 0.000100 0.050 |
| 1024-57-3 Heptachlor epoxide | 0.050 U 0.000100 0.050 |
| 72-43-5 Methoxychlor | 0.500 U 0.000100 0.500 |
| 8001-35-2 Toxaphene | 5.00 U 0.000100 5.00 |
| 319-84-6 alpha-BHC | 0.050 U 0.000100 0.050 |
| 5103-71-9 alpha-Chlordane | 0.050 U 0.000100 0.050 |
| 319-85-7 beta-BHC | 0.050 U 0.000100 0.050 |
| 319-86-8 delta-BHC | 0.050 U 0.000100 0.050 |
| 58-89-9 gamma-BHC (Lindane) | 0.050 U 0.000100 0.050 |
| 5103-74-2 gamma-Chlordane | 0.050 U 0.000100 0.050 |

| Lab Name: GCAL | Sample ID: SK | (GW59-1014 | | |
|---|---------------------------------------|---------------|--------------|-------------|
| Lab Code: LA024 Case No. | Contract: | | | |
| Matrix Water | · · · · · · · · · · · · · · · · · · · | | SDG No.: | 205061509 |
| Sample wtVol: 1000 Units: ml. | Lab Sample ID: | 205061509 | 07 | |
| Levet: (low/med) LOW | Date Collected: | 06/15/05 | Time: | 1310 |
| % Moisture: decanted: (Y/N) | Date Received: | 06/16/05 | | |
| GC Column: ID: (mm) | Date Extracted: | 06/20/05 | | |
| Concentrated Ediract Volume: 1000 (µL) | | 06/24/05 | Time: | 0511 |
| Sail Aliquat Valume: (µl.) | | | | t ns |
| | | | | |
| Injection Volume: 1 (µL | | | | |
| GPC Cleanup: (Y/N) N pH: | _ | | | |
| Prep Batch: 293938 Analytical Batch: 294768 | Sulfur Cleanup: (| (YN) <u>N</u> | Instrument I | D: GCS12A |
| CONCENTRATION UNITS: ug/L | Lab File ID: | 2050623 | VSV12A021 | |
| CAS NO. COMPOUND | RESULT | Q | MDL | RL |
| 72-54-8 4,4-000 | 0.100 | U | 0.000100 | 0.100 |
| 72-65-0 4,4-DOE | 0.100 | 5 | 0.000100 | 0.100 |
| 50-29-3 4,4°-00T | 0.100 | υ | 0.000100 | 0.100 |
| 309-00-2 Aldrin | 0.050 | Ü | 0.000100 | 0.050 |
| 12674-11-2 Araclar-1016 | 1.00 | U | 0.000100 | 1.00 |
| 11104-28-2 Aroclor-1221 | 2.00 | U | 0.000100 | 2.00 |
| 11141-16-5 Aroctor-1232 | 1.00 | U | 0.000100 | 1.00 |
| 53489-21-9 Araclar-1242 | 1,00 | Ü | 0.000100 | 1.00 |
| 12672-29-6 Aractor-1248 | 1.00 | U | 0.000100 | 1.00 |
| 11097-89-1 Aroctor-1254 | 1.00 | Ü | 0.000100 | 1.00 |
| 11098-82-5 Aroclor-1260 | 1.00 | U | 0.000100 | 1.00 |
| 80-57-1 Dieldrin | 0 100 | Ų | 0.000100 | 0.100 |
| 959-98-8 Endosulfan I | 0.050 | U | 0.000100 | 0.050 |
| 33213-65-9 Endosulfan II | 0.100 | U | 0.000100 | 0.100 |
| 1031-07-8 Endoeulfan sulfate | 0.100 | Ü | 0.000100 | 0.100 |
| 72-20-8 Endrin | 0.100 | U | 0.000100 | 0.100 |
| 7421-03-4 Endrin aldehyde | 0.101 | U | 0.000100 | 0.100 |
| 53494-70-5 Endrin ketone | 0.100 | U | 0.000100 | 0.100 |
| 78-44-8 Heptachlor | 0.050 | U | 0.000100 | 0.050 |
| 1024-57-3 Heptachlor eposide | 0.050 | U | 0.000100 | 0.050 |
| 72-43-5 Methosychiar | 0.500 | U | 0.000100 | 0.500 |
| 8001-35-2 Toxaphene | 5.90 | Ü | 0.000100 | 5.00 |
| 319-84-6 alpha-BHC | 0.050 | U | 0.000100 | 0.050 |
| 5103-71-9 alpha-Chlordane | 0.050 | U | 0.000100 | 0.050 |
| 319-85-7 beta-BHC | 0.05€ | U | 0.000100 | 0.050 |
| 319-86-8 delta-BHC | 0.050 | U | 0.000100 | 0.050 |
| 58-89-9 gamma-BHC (Lindane) | 0.050 | U | 0.000100 | 0.050 |
| 5103-74-2 gamma-Chlordane | 0.050 | U | 0.000100 | 0.050 |
| | | | | |

| Lab Name: GCAL | Sample ID: SKGW61-1014 |
|---|---|
| Lab Code: LA024 Case No.: | Contract: |
| Matrix: Water | SAS No.: SDG No.: 205061509 |
| Sample wt/vol: 1000 Units: mL | Lab Sample ID: 20506150909 |
| Level: (low/med) LOW | Date Collected: 08/15/05 Time: 1445 |
| % Moisture: decanted: (Y/N) | Date Received: 06/16/05 |
| GC Column: ID: (mm) | Date Extracted: 06/20/05 |
| | |
| Concentrated Extract Volume: 1000 (µL) | Date Analyzed: 06/24/05 Time: 0546 |
| Soil Aliquot Volume: (µL) | Dilution Factor: 1 Analyst: TLS |
| Injection Volume: 1 (µL) | Prep Method: OLM4.2 PEST/PCB |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLMO 4.2 |
| Prep Batch: 293938 Analytical Batch: 294768 | Sulfur Cleanup: (Y/N) N Instrument ID: GCS12A |
| CONCENTRATION UNITS: ua/L | Lab File ID: 2050623/SV12A023 |
| | |
| CAS NO. COMPOUND | RESULT Q MDL RL |
| 72-54-8 4,4'-DDD | 0.100 U 0.000100 0.100 |
| 72-55-9 4,4'-DDE | 0.100 U 0.000100 0.100 |
| 50-29-3 4,4'-DDT | 0.100 U 0.000100 0.100 |
| 309-00-2 Aldrin | 0.050 U 0.000100 0.050 |
| 12674-11-2 Aroclor-1016 | 1.00 U 0.000100 1.00 |
| 11104-28-2 Aroclor-1221 | 2.00 U 0.000100 2.00 |
| 11141-16-5 Aroclor-1232 | 1.00 U 0.000100 1.00 |
| 53469-21-9 Aroclor-1242 | 1.00 U 0.000100 1.00 |
| 12672-29-6 Aroclor-1248 | 1.00 U 0.000100 1.00 |
| 11097-69-1 Aroclor-1254 | 1.00 U 0.000100 1.00 |
| 11096-82-5 Aroclor-1260 | 1.00 U 0.000100 1.00 |
| 60-57-1 Dieldrin | 0.100 U 0.000100 0.100 |
| 959-98-8 Endosulfan I | 0.050 U 0.000100 0.050 |
| 33213-65-9 Endosulfan II | 0.100 U 0.000100 0.100 |
| 1031-07-8 Endosulfan sulfate | 0.100 U 0.000100 0.100 |
| 72-20-8 Endrin | 0.100 U 0.000100 0.100 |
| 7421-93-4 Endrin aldehyde | 0.100 U 0.000100 0.100 |
| 53494-70-5 Endrin ketone | 0.100 U 0.000100 0.100 |
| 76-44-8 Heptachlor | 0.050 U 0.000100 0.050 |
| 1024-57-3 Heptachlor epoxide | 0.050 U 0.000100 0.050 |
| 72-43-5 Methoxychlor | 0.500 U 0.000100 0.500 |
| 8001-35-2 Toxaphene | 5.00 U 0.000100 5.00 |
| 319-84-6 alpha-BHC | 0.050 U 0.000100 0.050 |
| 5103-71-9 alpha-Chlordane | 0.050 U 0.000100 0.050 |
| 319-85-7 beta-BHC | 0.050 U 0.000100 0.050 |
| 319-86-8 delta-BHC | 0.050 U 0.000100 0.050 |
| 58-89-9 gamma-BHC (Lindane) | 0.050 U 0.000100 0.050 |
| 5103-74-2 gamma-Chlordane | 0.050 U 0.000100 0.050 |

| Lab Code: LA024 Case No : Contract: | Lab Nernex GCAL | Sample ID: SI | KGW64-101 | | | <u></u> |
|--|---|------------------|-----------|--------------|-----------|---------------|
| Maritic Water SAS No: SDG No. 205081509 | Lab Code: LA024 Case No : | Contract: | | | | |
| Level: (low/mard) LOW | | SAS No.: | | SDG No.: | 205061509 | |
| Level: (low/mard) LOW | Semple withol: 1000 Units: ml. | Lab Samole ID: | 20506150 | <u> </u> | _ | |
| Second Common Description | | · | | | 0945 | |
| CC Column: ID: (mm) Date Extracted: 08/20/05 Time: 0604 | | | | | | _ |
| Concentrated Estract Volume: 1000 (j.k.) Date Analyzed: 06/24/05 Time: 0604 | | | U0/10/U3 | | | |
| Soil Aliquot Volume: | GC Column: 1D: (mm) | Date Extracted: | 06/20/05 | | | _ |
| Prop Method: OLMA 2 PESTAPCB | Concentrated Extract Volume: 1000 (µL) | Date Analyzed: | 06/24/05 | Time: | 0604 | |
| Prop Batch: 293936 | Soil Aliquot Volume: (µL) | Dilution Factor: | 1 | Analys | t TLS | _ |
| Prop Batch: 293936 | | Prep Method: | OLM4.2 PE | ST/PCB | | |
| CONCENTRATION UNITS: Upl. CAS NO. COMPOUND RESULT Q NDL RL 72-54-8 4,4-DDD 0.100 U 0.000100 0.100 0.100 U 0.000100 0.050 U 0.000100 0.050 U 0.000100 1.00 U 0.000100 0.100 U 0.000100 0.000 U 0.000100 0.0000 U 0.000100 0.0000 U 0.000100 0.0000 U 0.00000 U 0.0000 | | | d: OLMO | 4.2 | | |
| CAS MO. COMPOUND RESULT Q MDL RL 72-64-8 4,4-DDD 0.100 U 0.000100 0.100 Q-72-65-9 4,4-DDE 0.100 U 0.000100 0.100 Q-72-65-9 Q | Prep Betch: 293938 Analytical Betch: 294768 | Sulfur Cleanup: | (YM) N | Instrument I | D: GCS12A | |
| 72-54-8 | CONCENTRATION UNITS: upl. | Lab File ID: | 205062 | 3/5V12A024 | | |
| 72-55-9 4,4-DOE | CAS NO. COMPOUND | RESULT | Q | MDL | RL | |
| S0-29-3 4,4-DDT | 72-54-8 4,4-000 | 0.100 | U | 0.000100 | 0.100 | レルト |
| 309-00-2 Albrin 0.050 U 0.000100 0.050 12674-11-2 Arockor-1016 1.00 U 0.000100 1.00 11104-28-2 Arockor-1221 2.00 U 0.000100 2.00 11141-18-5 Arockor-1232 1.00 U 0.000100 1.00 12672-29-6 Arockor-1242 1.00 U 0.000100 1.00 12672-29-6 Arockor-1248 1.00 U 0.000100 1.00 12672-29-6 Arockor-1248 1.00 U 0.000100 1.00 11097-69-1 Arockor-1254 1.00 U 0.000100 1.00 11097-69-1 Arockor-1254 1.00 U 0.000100 1.00 11096-62-5 Arockor-1260 1.00 U 0.000100 1.00 11096-62-5 Arockor-1260 1.00 U 0.000100 1.00 1.00 1006-62-5 Arockor-1260 1.00 U 0.000100 0.100 1.00 1006-62-5 Arockor-1260 1.00 U 0.000100 0.100 1006-62-5 Arockor-1260 U 0.000100 0.100 1006-62-5 Arockor-1260 U 0.000100 0.000 0.000 1006-62-5 Arockor-1260 U 0.000100 0.100 1006-62-5 Arockor-1260 U 0.000100 0.100 0.000 1006-62-5 Arockor-1260 U 0.000100 0.100 0.000100 0.100 0.000100 0.100 0.000100 0.100 0.000100 0.100 0.00010 | 72-55-9 4,4-DOE | 0.100 | U | 0.000100 | 0.100 | □ i |
| 12674-11-2 Aroclor-1016 | 50-29-3 4,4'-DOT | 0.100 | U | 0.000100 | 0.100 | □ } |
| 11104-28-2 | 309-00-2 Aldrin | 0.050 | U | 0.000100 | 0.050 |] [|
| 11141-16-5 Aroctor-1232 | 12674-11-2 Aractor-1016 | 1.00 | U | 0.000100 | 1.00 | |
| 53489-21-9 Aroclor-1242 1.00 U 0.000100 1.00 12672-29-6 Aroclor-1248 1.00 U 0.000100 1.00 11097-69-1 Aroclor-1254 1.00 U 0.000100 1.00 11096-82-5 Aroclor-1280 1.00 U 0.000100 1.00 11096-82-5 Aroclor-1280 1.00 U 0.000100 1.00 1009-82-6 Endosullan I 0.100 U 0.000100 0.100 959-98-8 Endosullan I 0.050 U 0.000100 0.050 33213-85-9 Endosullan sullate 0.100 U 0.000100 0.100 1031-07-8 Endosullan sullate 0.100 U 0.000100 0.100 1031-07-8 Endosullan sullate 0.100 U 0.000100 0.100 72-20-8 Endin sullate 0.100 U 0.000100 0.100 72-40-8 Endin sullate 0.100 U 0.000100 0.100 7421-93-4 Endin sullate 0.100 U 0.000100 0.050 7421-93-4 Endin sullate 0.10 | 11104-28-2 Araclar-1221 | 2.00 | Ü | 0.000100 | 2.00 | _1 } |
| 12672-29-8 Aroctor-1248 | 11141-16-5 Aroctor-1232 | 1.00 | Ų | 0.000100 | 1.00 | \Box |
| 11097-69-1 Aroctor-1254 | 53469-21-9 Aractor-1242 | 1.00 | Ų | 0.000100 | 1.00 | |
| 11086-82-5 Arccior-1280 | 12672-29-6 Aractor-1248 | 1.00 | C | 0.000100 | 1.00 | □ } |
| District | 11097-89-1 Aroctor-1254 | 1 00 | U | 0.000100 | 1.00 | |
| 950-96-8 | 11098-82-5 Aractor-1280 . | 1.00 | Ü | 0.000100 | 1.00 | \neg \bot |
| 33213-85-9 Endosulfan II | 80-57-1 Dieldrin | 0.100 | U | 0.000100 | 0.100 | |
| 1031-07-8 Endoeulian suliste 0.193 U 0.000100 0.100 72-20-8 Endrin 0.100 U 0.000100 0.100 7421-93-4 Endrin aldehyde 0.100 U 0.000100 0.100 53494-70-5 Endrin latione 0.100 U 0.000100 0.100 76-44-8 Heptachtor 0.050 U 0.000100 0.050 1024-57-3 Heptachtor eposide 0.050 U 0.000100 0.050 72-43-5 Methasychlor 0.500 U 0.000100 0.500 8001-35-2 Taxaphene 5.00 U 0.000100 0.500 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordene 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindene) 0.050 0.050 | 959-98-8 Endosulfan I | 0.050 | U | 0.000100 | 0.050 | 7 1 |
| 72-20-8 Endrin 0.100 U 0.000100 0.100 7421-93-4 Endrin aldehyde 0.100 U 0.000100 0.100 53494-70-5 Endrin lastone 0.100 U 0.000100 0.100 78-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor sposide 0.050 U 0.000100 0.050 72-43-5 Methosychlor 0.500 U 0.000100 0.500 8001-35-2 Tosephene 5.00 U 0.000100 5.00 319-84-6 alphe-BHC 0.050 U 0.000100 0.050 5103-71-9 alphe-Chlordene 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 dela-BHC (Lindene) 0.050 U 0.000100 0.050 58-89-9 genum-BHC (Lindene) 0.050 U 0.000100 0.050 | 33213-65-9 Endosulfan II | 0.100 | U | 0.000100 | 0.100 | |
| 7421-83-4 Endrin skiehyde 0.100 U 0.000100 0.100 53494-70-5 Endrin katone 0.100 U 0.000100 0.100 76-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor spoxide 0.050 U 0.000100 0.050 72-43-5 Methosychlor 0.500 U 0.000100 0.500 8001-35-2 Tosephene 5.00 U 0.000100 5.00 319-84-8 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 sipha-Chlordene 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC (Lindene) 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindene) 0.050 U 0.000100 0.050 | 1031-07-8 Endosulfan sulfale | 0.100 | U | 0.000100 | 0.100 | 7 |
| 53494-70-5 Endrin lastone 0.100 U 0.000100 0.100 76-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor spoxide 0.050 U 0.000100 0.050 72-43-5 Methosychlor 0.500 U 0.000100 0.500 8001-35-2 Tossphene 5.00 U 0.000100 5.00 319-84-6 siphe-BHC 0.050 U 0.000100 0.050 5103-71-9 siphe-Chlordene 0.050 U 0.000100 0.050 319-85-7 bate-BHC 0.050 U 0.000100 0.050 319-86-8 delas-BHC (Lindene) 0.050 U 0.000100 0.050 58-89-9 gamme-BHC (Lindene) 0.050 U 0.000100 0.050 | 72-20-8 Endrin | 0.100 | Ų | 0.000100 | 0.100 | |
| 76-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor spowde 0.050 U 0.000100 0.050 72-43-5 Methosychlor 0.500 U 0.000100 0.500 8001-35-2 Tosephene 5.00 U 0.000100 5.00 319-84-6 slphe-BHC 0.050 U 0.000100 0.050 5103-71-9 slphe-Chfordene 0.050 U 0.000100 0.050 319-85-7 bate-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 genme-BHC (Lindene) 0.050 U 0.000100 0.050 | 7421-93-4 Endrin aldehyde | 0.100 | U | 0.000100 | 0.100 | \neg (|
| 1024-57-3 Heptachtor eposide 0.050 U 0.000100 0.050 72-43-5 Methosychtor 0.500 U 0.000100 0.500 8001-35-2 Tosephene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordene 0.050 U 0.000100 0.050 319-85-7 bata-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 | 53494-70-5 Endrin lastone | 0.100 | Ų | 0.000100 | 0.100 | |
| 72-43-5 Methosychtor 0.500 U 0.000100 0.500 8001-35-2 Tosephene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 | 78-44-8 Heptachior | 0.050 | U | 0.000100 | 0.050 | |
| 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 slphs-BHC 0.050 U 0.000100 0.050 5103-71-9 slphs-Chlordene 0.050 U 0.000100 0.050 319-85-7 bits-BHC 0.050 U 0.000100 0.050 319-86-8 delts-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindene) 0.051 U 0.000100 0.050 | 1024-57-3 Heptachlor eposide | 0.050 | U | 0.000100 | 0.050 | _ \ |
| 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 | 72-43-5 Methacychlor | 0.500 | U | 0.000100 | 0.500 | |
| 5103-71-9 alphe-Chlordene 0.050 U 0.000100 0.050 319-85-7 bate-BHC 0.050 U 0.000100 0.050 319-86-8 delte-BHC 0.050 U 0.000100 0.050 58-89-9 gamme-BHC (Lindene) 0.050 U 0.000100 0.050 | 8001-35-2 Toxaphene | 5.00 | U | 0.000100 | 5.00 | –) |
| 319-85-7 bate-BHC 0.050 U 0.000100 0.050 319-86-8 delb-BHC 0.050 U 0.000100 0.050 58-89-9 gamme-BHC (Lindene) 0.050 U 0.000100 0.050 | 319-84-6 alpha-BHC | 0.050 | U | 0.000100 | 0.050 | - |
| 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindene) 0.050 U 0.000100 0.050 | 5103-71-9 siphe-Chlordene | 0.050 | U | 0.000100 | 0.050 | — I |
| 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 | 319-85-7 beta-BHC | 0.050 | U | 0.000100 | 0.050 | - |
| 58-89-9 gamme-BHC (Lindene) 6 351 U 0.000100 0.050 | 319-86-8 delta-BHC | 0.050 | Ú | | 0.050 | - |
| | 58-89-9 gamme-BHC (Lindane) | | Ų) | | | - 1 |
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FORM | ORG-1

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| Lab Name: GCAL | Sample ID: SKGW63-1014 | |
|---|-------------------------------------|---|
| Lab Code: LA024 Case No.: | Contract: | |
| Matrix: Water | SAS No.: SDG No.: 205061509 | |
| Sample wt/vol: 1000 Units: mL | Lab Sample ID: 20506150911 | |
| Level: (low/med) LOW | Date Collected: 06/15/05 Time: 1035 | |
| % Moisture: decanted: (Y/N) | Date Received: 06/16/05 | |
| GC Column: ID: (mm) | Date Extracted: 08/20/05 | |
| Concentrated Extract Volume: 1000 (µL) | Date Analyzed: 06/24/05 Time: 0622 | |
| Soil Aliquot Volume: (µL) | Dilution Factor: 1 Analyst: TLS | |
| Injection Volume: 1 (µL) | Prep Method: OLM4.2 PEST/PCB | |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLMO 4.2 | |
| | | |
| Prep Batch: 293938 Analytical Batch: 294768 | | |
| CONCENTRATION UNITS: ug/L | Lab File ID: 2050623/SV12A025 | _ |
| CAS NO. COMPOUND | RESULT Q MDL RL | |
| 72-54-8 4,4'-DDD | 0.100 U 0.000100 0.100 U | 1 |
| 72-55-9 4,4'-DDE | 0.100 U 0.000100 0.100 | ١ |
| 50-29-3 4,4'-DDT | 0.100 U 0.000100 0.100 | L |
| 309-00-2 Aldrin | 0.050 U 0.000100 0.050 | ١ |
| 12674-11-2 Aroclor-1016 | 1.00 U 0.000100 1.00 | ١ |
| 11104-28-2 Aroclor-1221 | 2.00 U 0.000100 2.00 | ı |
| 11141-16-5 Aroclor-1232 | 1.00 U 0.000100 1.00 | 1 |
| 53469-21-9 Aroclor-1242 | 1.00 U 0.000100 1.00 | 1 |
| 12672-29-6 Aroclor-1248 | 1.00 U 0.000100 1.00 | ١ |
| 11097-69-1 Aroclor-1254 | 1.00 U 0.000100 1.00 | 1 |
| 11096-82-5 Arocior-1260 | 1.00 U 0.000100 1.00 | ı |
| 60-57-1 Dieldrin | 0.100 U 0.000100 0.100 | l |
| 959-98-8 Endosulfan I | 0.050 U 0.000100 0.050 | l |
| 33213-65-9 Endosulfan II | 0.100 U 0.000100 0.100 | ı |
| 1031-07-8 Endosulfan sulfate | 0.100 U 0.000100 0.100 | ı |
| 72-20-8 Endrin | 0.100 U 0.000100 0.100 | |
| 7421-93-4 Endrin aldehyde | 0.100 U 0.000100 0.100 | ۱ |
| 53494-70-5 Endrin ketone | 0.100 U 0.000100 0.100 | 1 |
| 76-44-8 Heptachlor | 0.050 U 0.000100 0.050 | |
| 1024-57-3 Heptachlor epoxide | 0.050 U 0.000100 0.050 | t |
| 72-43-5 Methoxychlor | 0.500 U 0.000100 0.500 | ١ |
| 8001-35-2 Toxaphene | 5.00 U 0.000100 5.00 | ١ |
| 319-84-6 alpha-BHC | 0.050 U 0.000100 0.050 | 1 |
| 5103-71-9 alpha-Chiordane | 0.050 U 0.000100 0.050 | |
| 319-85-7 beta-BHC | 0.050 U 0.000100 0.050 | 1 |
| 319-86-8 delta-BHC | 0.050 U 0.000100 0.050 | 1 |
| 58-89-9 gamma-BHC (Lindane) | 0.050 U 0.000100 0.050 | 1 |
| 5103-74-2 gamma-Chlordane | 0.050 U 0.000100 0.050 | f |

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FORM | ORG-1

| Lab Name: | GCAL | Sample ID: SK | (GW62A-101 | 4 | | _ |
|---------------------|---------------------------------|-------------------|---------------|---------------|-----------|--|
| Lab Code: | LA024 Case No.: | Contract: | | | | |
| Matric <u>Wa</u> | | SAS No: | | SDG No.: | 205061509 | |
| Sample wt/vol | t: 1000 Units: mL | Lab Sample ID: | 205061509 | 112 | | |
| Level: (low/m | ed) LOW | Date Collected: | 06/15/05 | Time: | 1130 | |
| % Moisture: | decanted: (YN) | Date Received: | 06/16/05 | | | |
| | | Date Extracted: | 06/20/05 | | | |
| | Extract Volume: 1000 (µL.) | | | Time | 0640 | |
| | | | | | | |
| | (µL) | Deuteon Hactor: | 1 | Analys | t ILS | |
| Injection Volu | mec (µL) | Prep Method: | OLM4.2 PES | тирсв | | |
| GPC Cleanut | px (Y/N) N pH: | Analytical Methor | d: OLMO | 4.2 | | _ |
| Prep Betch: | 293938 Analytical Batch: 294768 | Sulfur Cleanup: (| (Y/N) N | Instrument I | D: GCS12A | |
| CONCENTE! | ATION UNITS: Up/L | Lab File ID: | 2050623 | VSV12A026 | <u> </u> | |
| | • | | | | | |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL | _ |
| 72-54-8 | K.F-000 | 0.100 | U | 0.000100 | 0.100 | u1 |
| 72-55- 0 | 4,4-DOE | 0.100 | U | 0.000100 | 0.100 | |
| 50-29-3 | 4.4-00T | 0.100 | U | 0.000100 | 0.100 | \neg |
| 309-00-2 | Aldrin | 0.050 | U | 0.000100 | 0.050 | 7 |
| 12674-11-2 | Aroclar-1016 | 1.00 | U | 0.000100 | 1.00 | 7 |
| | Arocker-1221 | 2.00 | Ü | 0.000100 | 2.00 | 7 |
| 11141-16-5 | Aroclor-1232 | 1.00 | U | 0.000100 | 1.00 | 7 1 |
| | Aroclor-1242 | 1.00 | Ü | 0.000100 | 1.00 | ┥ ! |
| | Aroclor-1248 | 1.00 | U | 0.000100 | 1.00 | - |
| 11097-69-1 | Aractor-1254 | 1.00 | U | 0.000100 | 1.00 | -1 i |
| 11096-82-5 | Araciar-1280 | 1.00 | U | 0.000100 | 1.00 | - } |
| 80-57-1 | Diekhin | 0.100 | U | 0.000100 | 0.100 | - |
| 959-98-8 | Endosulian I | C.C50 | U | 0.000100 | 0.050 | \ } |
| | Endosulfan II | 0.100 | U | 0.000100 | 0.100 | |
| 1031-07-8 | Endosulfan sulfate | 0.100 | 1 | 0.000100 | 0.100 | - |
| 72-20-8 | Endrin | 0.100 | | 0.000100 | 0.100 | - |
| 7421-93-4 | Endrin aldehyde | 0.100 | U | 0.000100 | 0.100 | - |
| | Endrin Issigne | 0.100 | | 0.000100 | 0.100 | - |
| 76-44-8 | Heptachlor | 0.050 | - U | 0.000100 | 0.050 | - - |
| 1024-57-3 | Heptachior egoride | 0.050 | <u>_</u> | 0.000100 | 0.050 | — l |
| 72-43-5 | Methogothor | 0.500 | | 0.000100 | 0.500 | |
| 8001-35-2 | Toughere | 5.00 | | 0.000100 | 5.00 | - |
| 319-84-6 | alpha-BHC | 0.050 | | 0.000100 | 0.050 | - 1 |
| 5103-71-9 | siphe-Chlordane | 0.050 | - | 0.000100 | 0.050 | → |
| 319-85-7 | beta-BHC | 0.050 0.050 | | 0.000100 | 0.050 | - |
| 319-86-8 | delta-BHC | 0.050 0.050 | | | | ⊣ 1 |
| 58-89-9 | | 0.050 | U | 0.000100 | 0.050 | - |
| | gamma-BHC (Lindane) | | U | 0.000100 | 0.050 | ⊣ 1 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 0.000100 | 0.050 | |

9/12/05

FORM | ORG-1

| Lab Name: GCAL | Sample ID: SK | GW60-1014 | 1 | |
|---|-------------------|---------------------------------------|--------------|-----------|
| Lab Code: LA024 Case No.: | Contract: | | | |
| Matrix: Water | SAS No.: | | SDG No.: | 205061509 |
| Sample wt/vol: 850 Units: mL | Lab Sample ID: | 205061509 | 921 | |
| Level: (low/med) LOW | Date Collected: | 06/16/05 | Time: | 1335 |
| % Moisture: decanted: (Y/N) | Date Received: | 06/17/05 | | |
| GC Column: ID: (mm) | Date Extracted: | 06/20/05 | | |
| Concentrated Extract Volume: 1000 (µL) | Date Analyzed: | 06/24/05 | Time: | 0809 |
| | | | | t: TLS |
| Soil Aliquot Volume: (µL) | | 1 | - | . 113 |
| Injection Volume: 1 (µL) | Prep Method: | · · · · · · · · · · · · · · · · · · · | | |
| GPC Cleanup: (Y/N) N pH: | Analytical Method | : OLMO | 4.2 | |
| Prep Batch: 293938 Analytical Batch: 294768 | Sulfur Cleanup: (| Y/N) <u>N</u> | Instrument i | D: GCS12A |
| CONCENTRATION UNITS: ug/L | Lab File ID: | 205062 | 3/SV12A031 | |
| CAS NO. COMPOUND | RESULT | Q | MDL | RL |
| 72-54-8 4,4'-DDD | 0.118 | U | 0.000118 | 0.118 |
| 72-55-9 4,4'-DDE | 0.118 | U | 0.000118 | 0.118 |
| 50-29-3 4,4'-DDT | 0.118 | U | 0.000118 | 0.118 |
| 309-00-2 Aldrin | 0.059 | U | 0.000118 | 0.059 |
| 12674-11-2 Aroclor-1016 | 1.18 | U | 0.000118 | 1.18 |
| 11104-28-2 Aroclor-1221 | 2.35 | U | 0.000118 | 2.35 |
| 11141-16-5 Aroclor-1232 | 1.18 | U | 0.000118 | 1.18 |
| 53469-21-9 Aroclor-1242 | 1.18 | U | 0.000118 | 1.18 |
| 12672-29-6 Aroclor-1248 | 1.18 | U | 0.000118 | 1.18 |
| 11097-69-1 Arockor-1254 | 1.18 | U | 0.000118 | 1.18 |
| 11096-82-5 Aroclor-1260 | 1.18 | U | 0.000118 | 1.18 |
| 60-57-1 Dieldrin | 0.118 | U | 0.000118 | 0.118 |
| 959-98-8 Endosulfan I | 0.059 | Ų | 0.000118 | 0.059 |
| 33213-65-9 Endosulfan II | 0.118 | U | 0.000118 | 0.118 |
| 1031-07-8 Endosulfan sulfate | 0.118 | Ū | 0.000118 | 0.118 |
| 72-20-8 Endrin | 0.118 | U | 0.000118 | 0.118 |
| 7421-93-4 Endrin aldehyde | 0.118 | U | 0.000118 | 0.118 |
| 53494-70-5 Endrin ketone | 0.118 | U | 0.000118 | 0.118 |
| 76-44-8 Heptachlor | 0.059 | U | 0.000118 | 0.059 |
| 1024-57-3 Heptachlor epoxide | 0.059 | U | 0.000118 | 0.059 |
| 72-43-5 Methoxychlor | 0.588 | U | 0.000118 | 0.588 |
| 8001-35-2 Toxaphene | 5.88 | U | 0.000118 | 5.88 |
| 319-84-6 alpha-BHC | 0.059 | U | 0.000118 | 0.059 |
| 5103-71-9 alpha-Chlordane | 0.059 | U | 0.000118 | 0.059 |
| 319-85-7 beta-BHC | 0.059 | U | 0.000118 | 0.059 |
| 319-86-8 delta-BHC | 0.059 | U | 0.000118 | 0.059 |
| 58-89-9 gamma-BHC (Lindane) | 0.059 | υ | 0.000118 | 0.059 |
| 5103-74-2 gamma-Chlordane | 0.059 | - ii - l | 0.000118 | 0.059 |

| Matrix: Water SAS No.: SDG No.: 205061509 Sample wt/vol: 1000 Units: mL Lab Sample ID: 20506150922 | Lab Name: GCAL | Sample ID: SK | GW58-1014 | | |
|--|---------------------------------------|---------------------|-------------|--------------|--------------|
| Lab Sample New 1000 | Lab Code: LA024 Case No.: | Contract: | | | |
| Lab Sample New 1000 | Matrix Water | SAS No.: | | SDG No.: | 205061509 |
| Maislane: decamted: (YN) Date Received: 06/17/05 | Sample we/vol: 1000 Units: ml. | | | _ | |
| Concentrated Ediract Volume: ID | Level: (lowlmed) LOW | Date Collected: | 06/16/05 | Time: | 1005 |
| Concentrated Ediract Volume: ID | | Date Received: | 06/17/05 | | |
| Concentrated Edract Volume: | | | | | |
| Soil Aliquet Volume: | | | | | |
| Prop Method: OLMA 2 PEST/PCB Analytical Method: OLMA 2 PEST/PCB Analytical Method: OLMO 4.2 Prop Batch: 293938 Analytical Batch: 294768 Sulfur Cleanup: (YN) N Instrument ID: GCS12A CONCENTRATION UNITS: Upf. Lab File ID: 2050623/SV12A032 CAS MO. COMPOUND RESULT Q MDL RL RL RESULT Q MDL RESULT Q MDL RL RESULT Q MDL RL RESULT Q MDL RESULT Q MDL RL RESULT RESULT Q MDL RL RESULT RES | Concentrated Extract Volume: 1000 (µ | L.) Date Analyzed: | 06/24/05 | Time: | 0827 |
| Prop Betch: 299398 | Soil Aliquot Volume: (µ | L) Dilution Factor: | 1 | Analys | t <u>TLS</u> |
| Prop Batch: 293936 | Injection Volume:1 (µ | L) Prep Method: (| OLM4.2 PEST | /PCB | |
| Prop Batch: 293936 | GPC Cleanup: (Y/N) N pH: | Analytical Method | t: OLMO 4 | 2 | |
| CONCENTRATION UNITS: Upf. CAS NO. COMPOUND RESULT Q MDL RESULT Q MDL RL 72-54-8 4,4-DDD 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.000100 0.100 0.000100 0.100 0.000100 0.100 0.000100 0.000100 0.000100 1.000 12674-11-2 Arockor-1016 1.00 11141-18-5 Arockor-1221 2.00 0.000100 1.00 11141-18-6 Arockor-1222 1.00 0.000100 1.00 11067-89-1 Arockor-1248 1.00 0.000100 1.00 11088-82-5 Arockor-1280 1.00 1 | | | YN) N | Instrument I | D: GCS12A |
| ### CAS NO. COMPOUND RESULT Q MDL RL | | | 2050623/ | SV12A032 | |
| 72-54-8 4,4-DDD 0.100 0.100 0.100 0.100 0.100 0.255-9 4,4-DDE 0.100 0.10 | • | 25044.7 | | 4404 | - |
| 72-55-9 4,F-DDE | | | | | <u> </u> |
| S0-29-3 4,4-DDT | | | | | |
| 309-00-2 Aldrin 0.050 U 0.000100 0.050 | | | | | |
| 12674-11-2 | <u> </u> | | | | |
| 11104-28-2 Aroctor-1221 2.00 U 0.000100 2.00 11141-16-5 Aroctor-1232 1.00 U 0.000100 1.00 53469-21-9 Aroctor-1242 1.00 U 0.000100 1.00 12672-29-8 Aroctor-1248 1.00 U 0.000100 1.00 11097-69-1 Aroctor-1254 1.00 U 0.000100 1.00 11097-69-1 Aroctor-1254 1.00 U 0.000100 1.00 11098-82-5 Aroctor-1260 1.00 U 0.000100 1.00 80-57-1 Dialtrin 0.100 U 0.000100 0.100 80-57-1 Dialtrin 0.100 U 0.000100 0.100 80-57-1 Dialtrin 0.100 U 0.000100 0.100 33213-65-9 Endosulfan I 0.100 U 0.000100 0.100 1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 72-20-8 Endrin atlahyda 0.100 U 0.000100 0.100 7421-93-4 Endrin atlahyda 0.100 U 0.000100 0.100 7421-93-4 Endrin atlahyda 0.100 U 0.000100 0.100 75-44-8 Heptachlor 0.650 U 0.000100 0.050 1024-57-3 Heptachlor eposide 0.500 U 0.000100 0.500 1024-57-3 Heptachlor eposide 0.500 U | <u> </u> | | | | |
| 11141-16-5 Arockor-1232 | <u> </u> | | | | |
| 53469-21-9 Arockor-1242 1.00 U 0.000100 1.00 12672-29-6 Arockor-1248 1.00 U 0.000100 1.00 11097-69-1 Arockor-1254 1.00 U 0.000100 1.00 11096-62-5 Arockor-1260 1.00 U 0.000100 1.00 1096-62-5 Arockor-1260 1.00 U 0.000100 0.100 1096-62-5 Arockor-1260 1.00 U 0.000100 0.100 1096-62-5 Endosulfan U 0.000100 0.100 0.050 33213-65-9 Endosulfan U 0.000100 0.050 33213-65-9 Endosulfan sulfate 0.100 U 0.000100 0.100 1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 72-20-8 Endrin sulfate 0.100 U 0.000100 0.100 72-40-8 Endrin sulfate 0.100 U 0.000100 0.100 7421-03-4 Endrin sulfate 0.100 U 0.000100 0.050 7421-03-4 Endrin sul | | | | | |
| 12672-29-6 | | | U | 0.000100 | 1.00 |
| 11097-69-1 Aractor-1254 | 53489-21-9 Aroclar-1242 | 1.00 | U | 0.000100 | 1.00 |
| 1098-82-5 Arcolor-1280 1.00 U 0.000100 1.00 | | 1,00 | LI L | 0.000100 | 1.00 |
| B0-57-1 Disidrin | 11097-69-1 Aroclor-1254 | 1.00 | U | 0.000100 | 1.00 |
| Signature Sign | 11096-82-5 Aroclor-1280 | 1.00 | U | 0.000100 | 1.00 |
| 33213-65-9 Endosulfan II | 80-57-1 Dieldrin | 0.100 | Li l | 0.000100 | 0.100 |
| 1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 72-20-8 Endrin Endrin 0.100 U 0.000100 0.100 7421-93-4 Endrin aldehyde 0.100 U 0.000100 0.100 53494-70-5 Endrin latione 0.100 U 0.000100 0.100 78-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor eposide 0.050 U 0.000100 0.050 1024-57-3 Methosychlor 0.500 U 0.000100 0.500 72-43-5 Methosychlor 0.500 U 0.000100 0.500 8001-35-2 Tosaphene 5.00 U 0.000100 5.00 319-84-8 alpha-Chlordane 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 | 959-98-8 Endoeulien I | 0.050 | U | 0.000100 | 0.050 |
| 72-20-8 Endrin 0.100 U 0.000100 0.100 7421-93-4 Endrin aldehyde 0.100 U 0.000100 0.100 53494-70-5 Endrin latione 0.100 U 0.000100 0.100 78-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor eposide 0.050 U 0.000100 0.050 72-43-5 Methosychlor 0.500 U 0.000100 0.500 8001-35-2 Tosaphene 5.00 U 0.000100 5.00 319-84-8 alpha-SHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-88-8 delta-BHC (Lindane) 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 | 33213-65-9 Endosulfan li | 0.100 | U | 0.000100 | 0.100 |
| 7421-83-4 Endrin aldehyde 0.100 U 0.000100 0.100 53494-70-5 Endrin latione 0.100 U 0.000100 0.100 76-44-8 Haptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor eposide 0.050 U 0.000100 0.050 72-43-5 Methosychlor 0.500 U 0.000100 0.500 8001-35-2 Tosaphene 5.00 U 0.000100 5.00 319-84-8 alphe-BHC 0.050 U 0.000100 0.050 5103-71-9 alphe-Chlordane 0.050 U 0.000100 0.050 319-86-7 beta-BHC 0.050 U 0.000100 0.050 319-88-8 delta-BHC (Lindane) 0.050 U 0.000100 0.050 | 1031-07-8 Endosulfan sulfate | 0,100 | U | 0.000100 | 0.100 |
| 53494-70-5 Endrin latione 0.100 U 0.000100 0.100 76-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor eposide 0.050 U 0.000100 0.050 72-43-5 Methoxychlor 0.500 U 0.000100 0.500 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-88-8 delta-BHC 0.350 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 | 72-20-8 Endrin | 0.100 | U | 0.000100 | 0.100 |
| 78-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor sposide 0.050 U 0.000100 0.050 72-43-5 Methosychlor 0.500 U 0.000100 0.500 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordene 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindare) 0.050 U 0.000100 0.050 | 7421-93-4 Endrin aldehyde | 0.100 | U | 0.000100 | 0.100 |
| 1024-57-3 Heptachlor eposide | 53494-70-5 Endrin katone | 0.100 | U | 0.000100 | 0.100 |
| 72-43-5 Methosychlor 0.500 U 0.000100 0.500 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alphe-BHC 0.050 U 0.000100 0.050 5103-71-9 alphe-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 | 76-44-8 Heptachior | 0.050 | Ų | 0.000100 | 0.050 |
| 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alphe-BHC 0.050 U 0.000100 0.050 5103-71-9 alphe-Chlordene 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 germma-BHC (Lindare) 0.050 U 0.000100 0.050 | 1024-57-3 Heptachlor eposéde | 0.050 | U | 0.000100 | 0.050 |
| 319-84-8 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-88-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 | 72-43-5 Methosychlor | 0.500 | U | 0.000100 | 0.500 |
| 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 | 8001-35-2 Toraphene | 5.00 | U | 0.000100 | 5.00 |
| 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 | 319-84-6 alpha-BHC | 0.050 | U | 0.000100 | 0.050 |
| 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 | 5103-71-9 alphe-Chlordane | 0.050 | U | 0.000100 | 0.050 |
| 58-89-9 germe-8HC (Lindane) C.050 U 0.000100 0.050 | 319-85-7 beta-8HC | 0.050 | IJ | 0.000100 | 0.050 |
| 58-89-9 germe-8HC (Lindane) C.050 U 0.000100 0.050 | 319-86-8 delta-BHC | | | 0.000100 | 0.050 |
| | 58-89-9 germe-BHC (Lindane) | | Ü | 0.000100 | |
| | | | U | | |

| Lab Name: GCAL | Sample ID: SKC | GW07R-10 | 14 RE | | |
|---|-------------------|---------------|--------------|--|-------------------|
| Lab Code: LA024 Case No.: | Contract: | | | | |
| Matrix: Water | SAS No.: | | SDG No.: | 205061509 | _ |
| Sample wt/vol: 1000 Units: mL | Lab Sample ID: | 20506150 | 942 | | |
| Level: (low/med) LOW | Date Collected: | 06/14/05 | Time: | 1555 | |
| % Moisture: decanted: (Y/N) | Date Received: | 06/15/05 | | | |
| GC Column: ID: (mm) | Date Extracted: | 06/24/05 | | | |
| Concentrated Extract Volume: 1000 (µL) | Date Analyzed: | 06/25/05 | Time: | 1633 | |
| Soil Aliquot Volume: (µL) | Dilution Factor: | 1 | Analys | : SJT | |
| Injection Volume: 1 (µL) | Prep Method: _C | DLM4.2 PE | ST/PCB | | |
| GPC Cleanup: (Y/N) N pH: | Analytical Method | : OLMO | 4.2 | | _ |
| Prep Batch: 295010 Analytical Batch: 295507 | Sulfur Cleanup: (| Y/N) <u>N</u> | Instrument I | D: GCS12A | |
| CONCENTRATION UNITS: ug/L | Lab File ID: | 205062 | 5/SV12A004 | ************************************** | |
| CAS NO. COMPOUND | RESULT | Q | MDL | RL | |
| 72-54-8 4,4'-DDD | 0.100 | U | 0.000100 | 0.100 |] 43 |
| 72-55-9 4,4'-DDE | 0.100 | U | 0.000100 | 0.100 | 7 i |
| 50-29-3 4,4'-DDT | 0.100 | U | 0.000100 | 0.100 | \neg 1 |
| 309-00-2 Aldrin | 0.050 | U | 0.000100 | 0.050 | 7 |
| 12674-11-2 Aroclor-1016 | 1.00 | U | 0.000100 | 1.00 | \dashv \vdash |
| 11104-28-2 Aroclor-1221 | 2.00 | U | 0.000100 | 2.00 | -1 |
| 11141-16-5 Aroclor-1232 | 1.00 | U | 0.000100 | 1.00 | - |
| 53469-21-9 Aroclor-1242 | 1.00 | U | 0.000100 | 1.00 | 7 1 |
| 12672-29-6 Aroclor-1248 | 1.00 | U | 0.000100 | 1.00 | 7 |
| 11097-69-1 Aroclor-1254 | 1.00 | U | 0.000100 | 1.00 | 7 |
| 11096-82-5 Aroclor-1260 | 1,00 | U | 0.000100 | 1.00 | 7 |
| 60-57-1 Dieldrin | 0.100 | U | 0.000100 | 0.100 | 7 |
| 959-98-8 Endosulfan I | 0.050 | U | 0.000100 | 0.050 | |
| 33213-65-9 Endosulfan II | 0.100 | U | 0.000100 | 0.100 | 7 1 |
| 1031-07-8 Endosulfan sulfate | 0.100 | U | 0.000100 | 0.100 | 7 |
| 72-20-8 Endrin | 0.100 | U | 0.000100 | 0.100 | 7 |
| 7421-93-4 Endrin aldehyde | 0.100 | U | 0.000100 | 0.100 | 7 |
| 53494-70-5 Endrin ketone | 0.100 | U | 0.000100 | 0.100 | |
| 76-44-8 Heptachlor | 0.050 | U | 0.000100 | 0.050 | 7 |
| 1024-57-3 Heptachlor epoxide | 0.050 | U | 0.000100 | 0.050 | 7 |
| 72-43-5 Methoxychlor | 0.500 | U | 0.000100 | 0.500 | 7 |
| 8001-35-2 Toxaphene | 5.00 | U | 0.000100 | 5.00 | 7 |
| 319-84-6 alpha-BHC | 0.050 | U | 0.000100 | 0.050 | 7 |
| 5103-71-9 alpha-Chiordane | 0.050 | U | 0.000100 | 0.050 | 7 [|
| 319-85-7 beta-BHC | 0.050 | U | 0.000100 | 0.050 | 7] |
| 319-86-8 delta-BHC | 0.050 | Ü | 0.000100 | 0.050 | 7 |
| 58-89-9 gamma-BHC (Lindane) | 0.050 | U | 0.000100 | 0.050 | 7 |
| 5103-74-2 gamma-Chlordane | 0.050 | U | 0.000100 | 0.050 | 7 1 |

9/12/05

1D ORGANICS ANALYSIS DATA SHEET

| Lab Name: GCAL | Sample ID: SKGW59-1014 RE |
|---|---|
| Lab Code: LA024 Case No.: | Contract |
| Matrix Water | SAS No: SDG No.: 205061509 |
| Sample wt/Act: 1000 Units: ml. | Lab Samole ID: 20506150931 |
| Level: (lowlmad) LOW | Date Collected: 06/15/05 Time: 1310 |
| | |
| % Moisture: decented: (YN) | Date Received: 06/16/05 |
| GC Column: ID: (n | nm) Date Extracted: 06/24/05 |
| Concentrated Extract Volume: 1000 (1 | ul.) Date Analyzed: 06/25/05 Time: 1651 |
| Soil Aliquot Volume: (1 | ul.) Dilution Factor: 1 Analyst: SJT |
| Injection Volume: 1 (1 | |
| GPC Cleanup: (Y/N) N pH | |
| | |
| Prep Batch: 295010 Analytical Batch: 295507 | Sulfur Cleanup: (Y/N) N Instrument ID: GCS12A |
| CONCENTRATION UNITS: upl | Lab File ID: 2050625/SV12A005 |
| CAS NO. COMPOUND | RESULT Q MDL RL |
| 72-54-8 4,4-000 | 0.100 U 0.000100 0.100 UJ |
| 72-55-0 4,4-DOE | 0.100 U 0.000100 0.100 \ |
| 50-29-3 4,4'-DDT | 0.100 U 0.000100 0.100 |
| 309-00-2 Aldrin | 0.05C U 0.000100 0.050 |
| 12874-11-2 Araclar-1016 | 1.0C U 0.000100 1.00 |
| 11104-28-2 Araclar-1221 | 2 00 U 0.000100 2.00 |
| 11141-16-5 Aractor-1232 | 1.00 U 0.000100 1.00 |
| 53469-21-9 Aracior-1242 | 1.00 U 0.000100 1.00 |
| 12672-29-6 Araciar-12-62 | |
| | |
| 11097-69-1 Araclar-1254 | |
| 11098-82-5 Araclor-1280 | |
| 80-57-1 Dieldrin | 0.400 U 0.000100 0.100 |
| 969-98-8 Endosulfan I | 0.05C U 0.000100 0.050 |
| 33213-65-0 Endosulfan II | 0.100 U 0.000100 0.100 |
| 1031-07-8 Endosulfan sulfate | 0.100 U 0.000100 0.100 |
| 72-20-8 Endrin | 0.100 U 0.000100 0.100 |
| 7421-93-4 Endrin aldehyde | 0.100 U 0.000100 0.100 |
| 53494-70-5 Endrin lestone | 0.10C U 0.000100 0.100 |
| 76-44-8 Heptachior | 0.050 U 0.000100 0.050 |
| 1024-57-3 Heptachlor eposéde | 0.05C U 0.000100 0.050 |
| 72-43-5 Methagchlar | 0.500 U 0.000100 0.500 |
| 8001-35-2 Toraphene | 5.00 U 0.000100 5.00 |
| 319-84-6 alphe-BHC | 0.050 U 0.000100 0.050 |
| 5103-71-9 alphe-Chlordane | 0.050 U 0.000100 0.050 |
| 319-85-7 beta-BHC | 0.05C U 0.000100 0.050 |
| 319-85-8 delta-BHC | 0.050 U 0.000100 0.050 |
| 58-89-9 gemme-BHC (Lindene) | 0.050 U 0.000100 0.050 |
| 5103-74-2 gamme-Chlordane | 0.050 L ¹ 0.000100 0.050 |

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1D ORGANICS ANALYSIS DATA SHEET

| Lab Name: GCAL | Sample ID: SK | GW61-101 | 4 RE | | |
|--|-------------------|-----------|-------------|---------------------------------------|--|
| Lab Code: LA024 Case No.: | Contract: | | | | |
| Matrix: Water | SAS No.: | | SDG No.: | 205061509 | |
| Sample wt/vol: 1000 Units: mL | Lab Sample ID: | 20506150 | 933 | | |
| Level: (low/med) LOW | Date Collected: | 06/15/05 | Time: | 1445 | |
| % Moisture: decanted: (Y/N) | Date Received: | 06/16/05 | | | |
| GC Column: ID: (mm) | Date Extracted: | 06/24/05 | | | |
| Concentrated Extract Volume: 1000 (µL) | Date Analyzed: | 06/25/05 | Time: | 1726 | _ |
| Soil Aliquot Volume: (µL) | Dilution Factor: | 1 | | t: SJT | |
| Injection Volume: 1 (µL) | | OLM4.2 PE | | | |
| GPC Cleanup: (Y/N) N pH: | Analytical Method | | ····· | · · · · · · · · · · · · · · · · · · · | |
| Prep Batch: 295010 Analytical Batch: 295507 | - | | | D: GCS12A | |
| Prep balcii. 290010 Alaiyilda balcii. 290007 | - ' | · | | D. GCS12A | |
| CONCENTRATION UNITS: ug/L | Lab File ID: | 205062 | 5/SV12A007 | | |
| CAS NO. COMPOUND | RESULT | Q | MDL | RL | |
| 72-54-8 4,4'-DDD | 0.100 | U | 0.000100 | 0.100 |] UJ |
| 72-55-9 4,4'-DDE | 0.100 | U | 0.000100 | 0.100 | _ |
| 50-29-3 4,4'-DDT | 0.100 | U | 0.000100 | 0.100 | _ I |
| 309-00-2 Aldrin | 0.050 | U | 0.000100 | 0.050 | _ |
| 12674-11-2 Aroclor-1016 | 1.00 | U | 0.000100 | 1.00 | _ |
| 11104-28-2 Aroclor-1221 | 2.00 | U | 0.000100 | 2.00 | _ |
| 11141-16-5 Aroclor-1232 | 1.00 | U | 0.000100 | 1.00 | _ |
| 53469-21-9 Aroclor-1242 | 1.00 | U | 0.000100 | 1.00 | - |
| 12672-29-6 Aroclor-1248 | 1.00 | Ü | 0.000100 | 1.00 | - |
| 11097-69-1 Aroclor-1254 | 1.00 | U | 0.000100 | 1.00 | - \ |
| 11096-82-5 Aroclor-1260 | 1.00 | U | 0.000100 | 1.00 | _ |
| 60-57-1 Dieldrin | 0.100 | U | 0.000100 | 0.100 | _ |
| 959-98-8 Endosulfan I | 0.050 | U | 0.000100 | 0.050 | _ |
| 33213-65-9 Endosulfan II | 0.100 | U | 0.000100 | 0.100 | _ |
| 1031-07-8 Endosulfan sulfate | 0.100 | U | 0.000100 | 0.100 | _ |
| 72-20-8 Endrin | 0.100 | U | 0.000100 | 0.100 | _ |
| 7421-93-4 Endrin aldehyde | 0.100 | U | 0.000100 | 0.100 | _ |
| 53494-70-5 Endrin ketone | 0.100 | U | 0.000100 | 0.100 | _ |
| 76-44-8 Heptachlor | 0.050 | U | 0.000100 | 0.050 | - |
| 1024-57-3 Heptachlor epoxide | 0.050 | U | 0.000100 | 0.050 | ⊣ 1 |
| 72-43-5 Methoxychlor | 0.500 | U | 0.000100 | 0.500 | ⊣ 1 |
| 8001-35-2 Toxaphene | 5.00 | U | 0.000100 | 5.00 | ⊣ 1 |
| 319-84-6 alpha-BHC | 0.050 | U | 0.000100 | 0.050 | |
| 5103-71-9 alpha-Chlordane | 0.050 | U | 0.000100 | 0.050 | _ |
| 319-85-7 beta-BHC | 0.050 | Ü | 0.000100 | 0.050 | → |
| 319-86-8 delta-BHC | 0.050 | U | 0.000100 | 0.050 | 」 \ |
| 58-89-9 gamma-BHC (Lindane) | 0.050 | U | 0.000100 | 0.050 | \ |
| 5103-74-2 gamma-Chlordane | 0.050 | U | 0.000100 | 0.050 | _] ∤ |

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1D ORGANICS ANALYSIS DATA SHEET

| Lab Name: | GCAL | Sample ID: SI | KGW64-101 | 4RE | | _ |
|------------------------|---------------------------------|------------------|----------------|--------------|--------------|-------------|
| Lath Code: | LA024 Case No.: | Contract: | | | | _ |
| Matric Wa | | | | SDG No.: | 205061509 | _ |
| Sample wt/vo | t: 1000 Units: mL | Lab Sample ID: | 20506150 | 934 | - | |
| Level: (low/m | ed) LOW | Date Collected: | 06/15/05 | Time: | 0945 | _ |
| | decented: (Y/N) | Date Received: | 06/16/05 | | | |
| | 1D:(mm) | Date Extracted: | 06/24/05 | | | |
| | Extract Volume: 1000 (µL) | | 06/25/05 | Timer | 1744 | _ |
| | | | | | | _ |
| | folumex (µL.) | | | | L <u>301</u> | - |
| Injection Val u | imec 1 (pl.) | Prep Method: | OLM4.2 PE | ST/PCB | | _ |
| GPC Clasnu | p: (Y/N) N pH: | Analytical Metho | d: OLMO | 4.2 | | _ |
| Prep Betch: | 295010 Analytical Batch: 295507 | Sulfur Cleanup: | (Y/N) <u>N</u> | Instrument I | D: GCS12A | _ |
| YAMAENTRA | ATION UNITS: Up.L. | Lab File ID: | 205062 | 5/SV12A008 | | |
| | • | | | | | |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL | |
| 72-54-8 | 4,4-000 | 0.100 | U | 0.000100 | 0.100 | _ uմ |
| 72-55 -0 | 4.4-00E | 0.100 | U | 0.000100 | 0.100 |] |
| 50-29-3 | 4.4-00T | 0.100 | Ų | 0.000100 | 0.100 | _ |
| 309-00-2 | Aldrin | 0.050 | U | 0.000100 | 0.050 | |
| 12674-11-2 | Aroclar-1016 | 1.00 | U | 0.000100 | 1.00 |]] |
| 11104-28-2 | Aractor-1221 | 2.00 | U | 0.000100 | 2.00 | \Box |
| 11141-16-5 | Aroclor-1232 | 1.00 | U | 0.000100 | 1.00 | \supset 1 |
| 53469-21-9 | Araclar-1242 | 1.00 | U | 0.000100 | 1.00 | \Box |
| 12672-29-6 | Araclar-1248 | 1.00 | Ų | 0.000100 | 1.00 | 7 |
| 11097-69-1 | Aroclar-1254 | 1.00° | U | 0.000100 | 1.00 | 7 |
| 11096-82-5 | Aroclor-1280 | 1.00 | U | 0.000100 | 1.00 | |
| 80-57-1 | Dieldrin | 0.100 | U | 0.000100 | 0.100 | |
| 959-98-8 | Endosulfan I | 0.050 | U | 0.000100 | 0.050 | 7 1 |
| 33213-65-0 | Endosulfan II | 0.100 | U | 0.000100 | 0.100 | 7 |
| 1031-07-8 | Endosulfan sulfate | 0.100 | U | 0.000100 | 0.100 | - |
| 72-20-8 | Endrin | 0.100 | U | 0.000100 | 0.100 | - 1 |
| 7421-03-4 | Endrin aldehyde | 0.100 | υ | 0.000100 | 0.100 | - } |
| 53494-70-5 | Endrin listane | 0.100 | U | 0.000100 | 0.100 | - |
| 76-44-8 | Heptachlor | 0.050 | Ü | 0.000100 | 0.050 | - |
| 1024-57-3 | Heptachior eposide | 0.050 | Ū | 0.000100 | 0.050 | — I |
| 72-43-5 | Methanichiar | 0.500 | - u | 0.000100 | 0.500 | - |
| 8001-35-2 | Taxphene | 5.00 | - 0 | 0.000100 | 5.00 | - [|
| 319-84-6 | alpha-BHC | 0.050 | U | 0.000100 | 0.050 | |
| 5103-71-0 | siphe-Chlordane | 0.050 | - U | 0.000100 | 0.050 | |
| 319-85-7 | bete-BHC | 0.050 | 5 | | 0.050 | I |
| | della-BHC | | U | 0.000100 | | |
| 319-86-8 | gamme-BHC (Lindane) | 0.050 | <u> </u> | 0.000100 | 0.050 | |
| 58-89-9 5103-74-2 | gamme-Chlordane | | | | 0.050 | - - |
| 5103-74-2 | | 0.050 | U | 0.000100 | 0.050 | - |

slider

1D ORGANICS ANALYSIS DATA SHEET

| Lab Name: GCAL | Sample ID: Sk | (GW63-101 | 4 RE | | |
|---|------------------|----------------|---------------|-----------|------------|
| Lab Code: LA024 Case No.: | Contract: | | | | |
| Matric Water | SAS No.: | | SDG No.: | 205061509 | _ |
| Sample wt/vol: 1000 Units: mL | Lab Sample ID: | 20506150 | 935 | | |
| Level: (low/med) LOW | Date Collected: | 06/15/05 | Time: | 1035 | _ |
| % Moisture: decanted: (Y/N) | Date Received: | 06/16/05 | | | _ |
| GC Column: ID: (mm) | Date Extracted: | 06/24/05 | | | |
| Concentrated Extract Volume: 1000 (µL) | Date Analyzed: | 06/25/05 | Time: | 1802 | - |
| Soil Aliquot Volume: (µL) | Dilution Factor: | | | : SJT | - |
| | | | | | - |
| Injection Volume: 1 (µL) | Prep Method: | | | | - |
| GPC Cleanup: (Y/N) N pH: | Analytical Metho | d: OLMO | 0 4.2 | | _ |
| Prep Batch: 295010 Analytical Batch: 295507 | Sulfur Cleanup: | (Y/N) <u>N</u> | Instrument II | D: GCS12A | - |
| CONCENTRATION UNITS: ug/L | Lab File ID: | 205062 | 5/SV12A009 | | |
| CAS NO. COMPOUND | RESULT | Q | MDL | RL | |
| 72-54-8 4,4'-DDD | 0.100 | U | 0.000100 | 0.100 | IUI |
| 72-55-9 4,4'-DDE | 0.100 | U | 0.000100 | 0.100 | ٦, |
| 50-29-3 4,4'-DDT | 0.100 | U | 0.000100 | 0.100 | 7 1 |
| 309-00-2 Aldrin | 0.050 | U | 0.000100 | 0.050 | 7 |
| 12674-11-2 Aroclor-1016 | 1.00 | U | 0.000100 | 1.00 | 7 1 |
| 11104-28-2 Aroclor-1221 | 2.00 | U | 0.000100 | 2.00 | 7] |
| 11141-16-5 Aroclor-1232 | 1.00 | U | 0.000100 | 1.00 | 7 1 |
| 53469-21-9 Aroclor-1242 | 1.00 | U | 0.000100 | 1.00 | 7 } |
| 12672-29-8 Aroclor-1248 | 1.00 | U | 0.000100 | 1.00 | 7 / |
| 11097-69-1 Aroclor-1254 | 1.00 | υ | 0.000100 | 1.00 | 7 (|
| 11096-82-5 Aroclor-1260 | 1.00 | U | 0.000100 | 1.00 | 7 |
| 60-57-1 Dieldrin | 0.100 | U | 0.000100 | 0.100 | 7 (|
| 959-98-8 Endosulfan I | 0.050 | U | 0.000100 | 0.050 | 7 |
| 33213-65-9 Endosulfan II | 0.100 | Ū | 0.000100 | 0.100 | 7 1 |
| 1031-07-8 Endosulfan sulfate | 0.100 | IJ | 0.000100 | 0.100 | 7 1 |
| 72-20-8 Endrin | 0.100 | U | 0.000100 | 0.100 | 7] |
| 7421-93-4 Endrin aldehyde | 0.100 | U | 0.000100 | 0.100 | 7 |
| 53494-70-5 Endrin ketone | 0.100 | U | 0.000100 | 0.100 | 7 I |
| 76-44-8 Heptachlor | 0.050 | U | 0.000100 | 0.050 | 7 / |
| 1024-57-3 Heptachlor epoxide | 0.050 | υ | 0.000100 | 0.050 | 7 1 |
| 72-43-5 Methoxychlor | 0.500 | U | 0.000100 | 0.500 | 7 |
| 8001-35-2 Toxaphene | 5.00 | U | 0.000100 | 5.00 | 7 1 |
| 319-84-6 alpha-BHC | 0.050 | U | 0.000100 | 0.050 | 7 |
| 5103-71-9 alpha-Chlordane | 0.050 | C | 0.000100 | 0.050 | 7 |
| 319-85-7 beta-BHC | 0.050 | U | 0.000100 | 0.050 | 7 1 |
| 319-86-8 delta-BHC | 0.050 | - | 0.000100 | 0.050 | 7 } |
| 58-89-9 gamma-BHC (Lindane) | 0.050 | U | 0.000100 | 0.050 | 7 |
| 5103-74-2 gamma-Chlordane | 0.050 | J | 0.000100 | 0.050 | ∃ 4 |

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1D ORGANICS ANALYSIS DATA SHEET

| Maintr. Water SAS No: SDG No.: 2050815009 | Lab Name: GCAL | Sample ID: SKGW62A-1014 RE |
|--|--|---|
| SAS No: SDG No: 205081509 | | |
| Case Column Col | | |
| Levelt (lowlmed) LOW | | |
| Microburn: December: Dec | Sample withot: 1000 Units: ml. | Lab Sample ID: 20506150936 |
| GC Column: | Level: (low/med) LOW | Date Collected: 06/15/05 Time: 1130 |
| GC Column: | % Maisture: decented: (Y/N) | Date Received: 06/16/05 |
| Concentrated Editact Volume: 1000 (µL) Date Analyzed: 08/2505 Time: 1820 | | • |
| Sol Aliquet Volume: | | |
| Prop Nethod: OLIMA 2 PESTAPCIS Analytical Method: OLIMA 2 Prop Batich: 298010 Analytical Batch: 298507 Sufur Ceanup: (YN) N Instrument ID: GCS12A CONCENTRATION UNITS: upl. Lab File ID: 2050825/SV12A010 CAS NO. COMPOUND RESULT Q MIDL RL RL RESULT RE | Concentrated Extract Volume: 1000 () | uL.) Date Analyzed: 06/25/05 Time: 1820 |
| Analytical Method: CLMO 42 COMMENTRATION UNITS: Upt. Lab File ID: 2050825/SV12A010 Lab File ID: | Soil Aliquot Valume: () | uL.) Dilution Factor: 1 Analyst: SJT |
| Analytical Method: CLMO 42 COMMENTRATION UNITS: Upt. Lab File ID: 2050825/SV12A010 Lab File ID: | Injection Volume:1 (µ | ul.) Prep Method: OLM4.2 PEST/PCB |
| Prep Batch: 285010 Analytical Batch: 28507 Suffur Cleanup: (YN) N Instrument ID: GCS12A CONCENTRATION UNITS: Upt. Lab File ID: 2050825/SV12A010 CAS NO. COMPOUND RESULT Q MDL RL 72-54-8 4,4-DDD 0.100 U 0.000100 0.100 50-29-3 4,4-DDE 0.100 U 0.000100 0.100 50-29-3 4,4-DDT 0.100 U 0.000100 0.100 12874-11-2 Anoton-1016 1.00 U 0.000100 1.00 12874-11-2 Anoton-1016 1.00 U 0.000100 1.00 11104-18-5 Anoton-1232 1.00 U 0.000100 1.00 11106-82-5 Anoton-1242 1.00 U 0.000100 1.00 12872-29-5 Anoton-1242 1.00 U 0.000100 1.00 11097-89-1 Anoton-1254 1.00 U 0.000100 1.00 11098-82-5 Anoton-1254 1.00 U 0.000100 1.00 80-57-1 Distotin 0.100 1.00 80-57-1 Distotin 0.100 U 0.000100 0.100 80-58-8 Endosullian 1 0.050 U 0.000100 0.100 1031-07-8 Endosullian suffate 0.100 U 0.000100 0.100 1031-07-8 Endosullian suffate 0.100 U 0.000100 0.100 72-20-8 Endrin latone 0.100 U 0.000100 0.100 73-44-8 Heptachfor 0.050 U 0.000100 0.050 1024-57-3 Heptachfor 0.050 U 0.000100 0.050 1031-88-8 delta-8HC 0.050 U 0.000100 0.055 103-87-1 Distot-Chloridane 0.050 U 0.000100 0.050 1031-88-8 delta-8HC 0.050 U 0.000100 0.055 103-87-1 Distot-Chloridane 0.050 U 0.000100 0.050 1031-88-8 delta-8HC 0.050 U 0.000100 0.055 103-87-1 Distot-Chloridane 0.050 U 0.000100 0.055 103-88-89-9 gamma-8HC (Lindane) 0.050 U 0.000100 0.055 | | • |
| CAS NO. COMPOUND RESULT Q MIDL RL 72-54-8 4,4-DDD 0.100 U 0.000100 0.100 U.52-55-54-8 4,4-DDE 0.100 U 0.000100 0.050 U 0.000100 0.000 U 0.000100 0.000 | <u> </u> | |
| CAS NO. COMPOUND RESULT Q MDL RL 72-54-8 4,4-DDD 0.100 U 0.000100 0.100 72-55-9 4,4-DDE 0.100 U 0.000100 0.100 0.000 0.000 U 0.000100 0.100 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 1.00 U 0.000100 1.00 11104-28-2 Arckor-1221 2.00 U 0.000100 1.00 11141-18-5 Arckor-1232 1.00 U 0.000100 1.00 12572-29-8 Arckor-1232 1.00 U 0.000100 1.00 12572-29-8 Arckor-1248 1.00 U 0.000100 1.00 12572-29-8 Arckor-1248 1.00 U 0.000100 1.00 11096-82-5 Arckor-1280 1.00 U 0.000100 1.00 11096-82-5 Arckor-1280 1.00 U 0.000100 1.00 1000-57-1 Diskhin 0.153 U 0.000100 0.100 000-569-8 Endosulfan II 0.100 U 0.000100 0.100 000-57-1 Diskhin 0.100 U 0.000100 0.100 000-57-1 Diskhin 0.100 U 0.000100 0.100 000-57-1 Diskhin 0.100 U 0.000100 0.100 000-50-1 Diskhin 0.100 U 0.000100 0.000 000-50-1 Diskhin 0.000 U 0.000100 0.000 000-50-1 Diskhin 000-50-1 Disk | Prep Beach: 26010 Analysical Balant: 26007 | Surur Cleanup: (17N) N RESTUTION NO. GCS12A |
| 72-54-8 4,4-DDD | CONCENTRATION UNITS: upl. | Lab File ID: 2050625/SV12A010 |
| 72-55-9 4,4*-DDE | CAS NO. COMPOUND | RESULT Q MDL RL |
| 50-29-3 4,F-DDT | 72-54-8 (4,4-000) | 0.100 U 0.000100 0.100 U.S |
| 309-00-2 Aldrin | | |
| 12674-11-2 Aroctor-1016 1.00 U 0.000100 1.00 11104-28-2 Aroctor-1221 2.00 U 0.000100 2.00 11141-18-5 Aroctor-1232 1.00 U 0.000100 1.00 53469-21-9 Aroctor-1242 1.00 U 0.000100 1.00 12872-29-8 Aroctor-1248 1.00 U 0.000100 1.00 11097-80-1 Aroctor-1254 1.00 U 0.000100 1.00 11098-82-5 Aroctor-1280 1.00 U 0.000100 1.00 11098-82-5 Aroctor-1280 1.00 U 0.000100 1.00 10098-82-6 Aroctor-1280 1.00 U 0.000100 0.100 10098-82-6 Endosulian I 0.050 U 0.000100 0.100 1031-07-8 Endosulian II 0.100 U 0.000100 0.100 1031-07-8 Endosulian sulliste 0.100 U 0.000100 0.100 1031-07-8 Endosulian sulliste 0.100 U 0.000100 0.100 1031-07-8 Endini aldehyde 0.100 U 0.000100 0.100 1034-67-3 Heptachlor eposide 0.050 U 0.000100 0.050 1024-57-3 Heptachlor eposide 0.050 U 0.000100 0.050 1024-57-3 Heptachlor eposide 0.050 U 0.000100 0.050 1031-88-6 Heliosychlor 0.050 U 0.000100 0.050 1031-88-7 beta-8HC 0.050 U 0.000100 0.050 1031-88-8 delta-8HC 0.050 U 0.000100 0.050 | 50-29-3 4,4'-DDT | 0.400 U 0.000100 0.100 |
| 11104-28-2 Arockor-1221 2.00 U | 308-00-2 Aldrin | 0.050 U 0.000100 0.050 |
| 1141-18-5 Aroctor-1232 1.00 U 0.000100 1.00 53469-21-9 Aroctor-1242 1.00 U 0.000100 1.00 12672-29-8 Aroctor-1246 1.00 U 0.000100 1.00 11097-69-1 Aroctor-1254 1.00 U 0.000100 1.00 11098-82-5 Aroctor-1260 1.00 U 0.000100 1.00 50-57-1 Distrin 0.100 U 0.000100 0.100 559-98-8 Endosulfan 0.100 U 0.000100 0.100 53213-85-9 Endosulfan 0.100 U 0.000100 0.100 1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 72-20-8 Endrin eldehyde 0.100 U 0.000100 0.100 7421-93-4 Endrin eldehyde 0.100 U 0.000100 0.050 7421-93-5 Methasychter 0.500 U 0.000100 0.050 7421-93-6 Methasychter 0.500 U 0.000100 0.050 7421-93-6 Sobre-BHC 0.050 U 0.000100 0.050 | 12674-11-2 Araclar-1016 | 1.00 U 0.000100 1.00 |
| S3469-21-9 Arockor-1242 1.00 U 0.000100 1.00 12672-29-8 Arockor-1254 1.00 U 0.000100 1.00 11097-69-1 Arockor-1254 1.00 U 0.000100 1.00 11096-82-5 Arockor-1280 1.00 U 0.000100 1.00 11096-82-5 Arockor-1280 1.00 U 0.000100 0.100 10096-82-5 Arockor-1280 1.00 U 0.000100 0.100 10096-82-6 Endosulfan II 0.100 U 0.000100 0.050 1321-3-65-9 Endosulfan II 0.100 U 0.000100 0.100 1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 1031-07-8 Endrin aldehyde 0.100 U 0.000100 0.100 1031-07-8 Endrin aldehyde 0.100 U 0.000100 0.100 1031-07-8 Endrin listone 0.100 U 0.000100 0.050 1031-07-8 Endrin listone 0.050 U 0.000100 0.050 103 | 11104-28-2 Aractor-1221 | 2.00 U 0.000100 2.00 |
| 12672-29-6 Arockor-1248 | 11141-16-5 Aractor-1232 | 1.00 U 0.000100 1.00 |
| 12672-29-6 Arockor-1248 | 53469-21-9 Avoctor-1242 | 1.00 U 0.000100 1.00 |
| 11096-82-5 Arockor-1280 1.00 U 0.000100 0.100 | | 1.00 U 0.000100 1.00 |
| 80-57-1 Dieldrin 0.100 U 0.000100 0.100 959-98-8 Endoeulien I 0.050 U 0.000100 0.050 0.050 0.050 0.000100 U 0.000100 0.100 0.100 0.100 0.100 U 0.000100 0.100 0.100 0.100 0.100 U 0.000100 0.100 0.100 0.100 0.100 0.100 0.100 U 0.000100 0.050 0.100 0.050 U 0.000100 0.050 0.050 U 0.000100 0.050 0.050 U 0.000100 0.050 0.100 0.050 U 0.000100 0.050 0.100 0.050 U 0.000100 0.050 0.100 0.050 0.050 U 0.000100 0.050 0.050 0.050 U 0.000100 0.050 0.050 0.050 U 0.000100 0.050 0.050 0.0550 U 0.000100 0.050 0.050 0.050 0.0550 U 0.000100 0.050 0.050 0.050 0.0550 U 0.000100 0.050 0.050 0.050 0.0550 U 0.000100 0.050 0.050 0.0550 U 0.000100 0.050 0.050 0.050 0.0550 U 0.000100 0.050 0.050 0.0550 U 0.000100 0.050 0.050 0.0550 U 0.000100 0.0550 0.0550 U 0.000100 0.0550 0.0550 0.0550 0.0550 U 0.000100 0.0550 0.0550 0.0550 U 0.000100 0.0550 0.0550 0.0550 U 0.000100 0.0550 0.0550 0.0550 0.0550 U 0.000100 0.0550 0.0550 0.0550 U 0.000100 0.0550 0.0550 0.0550 0.0550 U 0.000100 0.0550 0.0550 0.0550 0.0550 U 0.000100 0.0550 0 | 11097-89-1 Aroctor-1254 | 1.00 U 0.000100 1.00 |
| 959-98-8 | 11096-82-5 Araclar-1280 | 1.00 U 0.000100 1.00 |
| 33213-65-9 Endosulfan II | 80-57-1 Dieldrin | 0.100 U 0.000100 0.100 |
| 1031-07-8 Endosulfan sulfate 0.100 U 0.000100 0.100 72-20-8 Endrin 0.100 U 0.000100 0.100 7421-03-4 Endrin aldehyde 0.100 U 0.000100 0.100 53494-70-5 Endrin latone 0.100 U 0.000100 0.100 78-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor spoulde 0.050 U 0.000100 0.050 72-43-5 Methosychlor 0.500 U 0.000100 0.500 8001-35-2 Tosaphane 5.00 U 0.000100 5.00 319-84-6 alpha-Chlordane 0.050 U 0.000100 0.050 5103-71-9 slpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-8HC 0.050 U 0.000100 0.050 319-86-8 delta-8HC 0.050 U 0.000100 0.050 58-88-9 gamma-8HC (Lindane) 0.050 U 0.000100 0.050 | 959-98-8 Endoeulien I | 0.050 U 0.000100 0.050 |
| 72-20-8 Endrin 0.100 U 0.000100 0.100 7421-93-4 Endrin aldehyde 0.100 U 0.000100 0.100 53494-70-5 Endrin lations 0.100 U 0.000100 0.100 76-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor eposide 0.050 U 0.000100 0.050 72-43-5 Methosychlor 0.500 U 0.000100 0.500 8001-35-2 Tosephene 5.00 U 0.000100 5.00 319-84-6 alpha-Chlordane 5.00 U 0.000100 0.050 5103-71-9 alpha-Chlordane 9.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC (Lindane) 0.050 U 0.000100 0.050 58-89-9 germma-BHC (Lindane) 0.050 U 0.000100 0.050 | 33213-65-0 Endoculian II | 0.100 U 0.000100 0.100 |
| 7421-93-4 Endrin aldehyde 0.100 U 0.000100 0.100 53494-70-5 Endrin lestone 0.100 U 0.000100 0.100 78-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor eposide 0.050 U 0.000100 0.050 72-43-5 Methosychlor 0.500 U 0.000100 0.500 8001-35-2 Tossphene 5.00 U 0.000100 5.00 319-84-8 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordene 9.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 genma-BHC (Lindane) 0.050 U 0.000100 0.050 | 1031-07-8 Endosulian sulfate | 0.100 U 0.000100 0.100 |
| 53494-70-5 Endrin listone 0.100 U 0.000100 0.100 78-44-8 Heptachior 0.050 U 0.000100 0.050 1024-57-3 Heptachior eposide 0.050 U 0.000100 0.050 72-43-5 Methosychior 0.500 U 0.000100 0.500 8001-35-2 Toraphene 5.00 U 0.000100 5.00 319-84-8 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordene 9.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 deta-BHC 0.050 U 0.000100 0.050 58-89-9 genma-BHC (Lindane) 0.050 U 0.000100 0.050 | 72-20-8 Endrin | 0.100 U 0.000100 0.100 |
| 78-44-8 Heptachlor 0.050 U 0.000100 0.050 1024-57-3 Heptachlor eposide 0.050 U 0.000100 0.050 72-43-5 Methosychter 0.500 U 0.000100 0.500 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 slphe-BHC 0.050 U 0.000100 0.050 5103-71-9 slphe-Chlordene 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 deta-BHC 0.050 U 0.000100 0.050 58-89-9 genma-BHC (Lindane) 0.050 U 0.000100 0.050 | 7421-93-4 Endrin aldehyde | 0.100 U 0.000100 0.100 |
| 1024-57-3 Heptachlor eposide 0.050 U 0.000100 0.050 72-43-5 Methosychtor 0.500 U 0.000100 0.500 8001-35-2 Toxephene 5.00 U 0.000100 5.00 319-84-6 slphe-BHC 0.050 U 0.000100 0.050 5103-71-9 slphe-Chlordane 0.050 U 0.000100 0.050 319-85-7 bets-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 genmms-BHC (Lindane) 0.050 U 0.000100 0.050 | 53494-70-5 Endrin latone | 0.100 U 0.000100 0.100 |
| 1024-57-3 Heptachlor eposide 0.050 U 0.000100 0.050 72-43-5 Methosychtor 0.500 U 0.000100 0.500 8001-35-2 Toxephene 5.00 U 0.000100 5.00 319-84-6 slphe-BHC 0.050 U 0.000100 0.050 5103-71-9 slphe-Chlordane 0.050 U 0.000100 0.050 319-85-7 bets-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 genmms-BHC (Lindane) 0.050 U 0.000100 0.050 | 76-44-8 Heptachior | 0.050 U 0.000100 0.050 |
| 72-43-5 Methosychtor 0.500 U 0.000100 0.500 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 slphe-BHC 0.050 U 0.000100 0.050 5103-71-9 slphe-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 germma-BHC (Lindane) 0.050 U 0.000100 0.050 | | |
| 8001-35-2 Toxaphene 5.00 U 0.000100 5.00 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 deta-BHC 0.050 U 0.000100 0.050 58-88-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 | | |
| 319-84-6 alpha-BHC 0.050 U 0.000100 0.050 5103-71-9 alpha-Chlordane 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 deta-BHC 0.050 U 0.000100 0.050 58-89-9 gamma-BHC (Lindane) 0.050 U 0.000100 0.050 | | |
| 5103-71-9 alpha-Chlordene 0.050 U 0.000100 0.050 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gemma-BHC (Lindane) 0.050 U 0.000100 0.050 | <u> </u> | |
| 319-85-7 beta-BHC 0.050 U 0.000100 0.050 319-86-8 deta-BHC 0.050 U 0.000100 0.050 58-89-9 gemma-BHC (Lindane) 0.050 U 0.000100 0.050 | | |
| 319-88-8 delta-BHC 0.050 U 0.000100 0.050 58-89-9 gemme-BHC (Lindane) 0.050 U 0.000100 0.050 | <u> </u> | |
| 58-89-9 gamme-8HC (Lindane) 0.050 t/ 0.000100 0.050 | | |
| | | |
| | | 0.00000 |

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1D ORGANICS ANALYSIS DATA SHEET

| Lab Name: GCAL | Sample ID: SKGW58-1014 RE | |
|---|---|----|
| Lab Code: LA024 Case No.: | Contract: | |
| Matrix: Water | SAS No.: SDG No.: 205061509 | |
| Sample wt/vol: 1000 Units: mL | Lab Sample iD: 20506150939 | |
| Level: (low/med) LOW | Date Collected: 06/16/05 Time: 1005 | |
| % Moisture: decanted: (Y/N) | Date Received: 06/17/05 | |
| GC Column: ID: (mm) | Date Extracted: 06/24/05 | |
| Concentrated Extract Volume: 1000 (µL) | Date Analyzed: 06/25/05 Time: 1856 | |
| Soil Aliquot Volume: (μL) | Dilution Factor: 1 Analyst: SJT | |
| Injection Volume: 1 (μL) | Prep Method: OLM4.2 PEST/PCB | |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLMO 4.2 | |
| Prep Batch: 295010 Analytical Batch: 295507 | Sulfur Cleanup: (Y/N) N Instrument ID: GCS12A | |
| CONCENTRATION UNITS: ua/L | Lab File ID: 2050625/SV12A012 | |
| | RESULT Q MDL RL | _ |
| CAS NO. COMPOUND 72-54-8 14.4'-DDD | - | uJ |
| 72-54-8 4,4'-DDD 72-55-9 4,4'-DDE | 0.100 U 0.000100 0.100 0.100 U 0.000100 0.100 | Y) |
| 50-29-3 4,4'-DDT | 0.100 U 0.000100 0.100 | J |
| 309-00-2 Aldrin | 0.050 U 0.000100 0.050 | 1 |
| 12674-11-2 Aroclor-1016 | 1.00 U 0.000100 1.00 | 1 |
| 11104-28-2 Aroclor-1221 | 2.00 U 0.000100 2.00 | 1 |
| 11141-16-5 Aroclor-1232 | 1.00 U 0.000100 1.00 | 1 |
| 53469-21-9 Aroclor-1242 | 1.00 U 0.000100 1.00 | 1 |
| 12672-29-6 Aroclor-1248 | 1.00 U 0.000100 1.00 | |
| 11097-69-1 Aroclor-1254 | 1.00 U 0.000100 1.00 | 1 |
| 11096-82-5 Aroclor-1260 | 1.00 U 0.000100 1.00 | 1 |
| 60-57-1 Dieldrin | 0.100 U 0.000100 0.100 | 1 |
| 959-98-8 Endosulfan I | 0.050 U 0.000100 0.050 | (|
| 33213-65-9 Endosulfan II | 0.100 U 0.000100 0.100 | |
| 1031-07-8 Endosulfan sulfate | 0.100 U 0.000100 0.100 | |
| 72-20-8 Endrin | 0.100 U 0.000100 0.100 | i |
| 7421-93-4 Endrin aldehyde | 0.100 U 0.000100 0.100 | ١ |
| 53494-70-5 Endrin ketone | 0,100 U 0.000100 0.100 | |
| 76-44-8 Heptachlor | 0.050 U 0.000100 0.050 | 1 |
| 1024-57-3 Heptachlor epoxide | 0.050 U 0.000100 0.050 | |
| 72-43-5 Methoxychlor | 0.500 U 0.000100 0.500 | 1 |
| 8001-35-2 Toxaphene | 5.00 U 0.000100 5.00 | 1 |
| 319-84-6 alpha-BHC | 0.050 U 0.000100 0.050 | 1 |
| 5103-71-9 alpha-Chlordane | 0.050 U 0.000100 0.050 | l |
| 319-85-7 beta-BHC | 0.050 U 0.000100 0.050 | 1 |
| 319-86-8 delta-BHC | 0.050 U 0.000100 0.050 | 1 |
| 58-89-9 gamma-BHC (Lindane) | 0.050 U 0.000100 0.050 | 1 |
| 5103-74-2 gamma-Chlordane | 0.050 U 0.000100 0.050 | 1 |
| GIOGITE Gamina-Oniordano | 0.000 0 0.000 | 4 |

glidos msr

U.S. EPA-CLP COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

| b Name: | GCAL | | Contract: | | | | |
|----------------------|--|---|---------------|--------------------------|-------------|--------------|---------------------|
| b Code: OW No.: | LA024 | Case No.: | SAS No.: | | <u></u> | SDG No.: | 205061509 |
| | | | | | | | |
| | | EPA Sample No SKGW06R-1014 | | Lab Sampi 20506150901 | | | |
| | | SKGW07R-1014 | | 20506150902 | | _ | |
| | | SKGW06R-1014 (DISS) | | 20506150904 | | | |
| | | SKGW07R-1014 (DISS) | | 20506150905 | 5 | | |
| | | SKGW59-1014 | | 20506150907 | 7 | | |
| | | SKGW59-1014 DUPE | | 20506150906 | 3 | _ | |
| | | SKGW61-1014 | | 20506150909 | <u> </u> | | |
| | | SKGW64-1014 | | 20506150910 | <u> </u> | _ | |
| | | SKGW63-1014 | | 20506150911 | <u> </u> | _ | |
| | | SKGW62A-1014 | | 20506150912 | 2 | _ | |
| | | SKGW59-1014 (DISS) | | 20506150914 | | _ | |
| | | SKGW59-1014 (DISS) DUP | | 20506150919 | | | |
| | | SKGW61-1014 (DISS) | | 20506150916 | | | |
| | | SKGW64-1014 (DISS) | | 20506150917 | | | |
| | | SKGW63-1014 (DISS) Were ICP interelement corrections as | wiind 2 | | YES | | |
| | | Were ICP background corrections ap | • | | YES | _ | |
| | | If yes were raw data generated application of background correct | before | | NO. | _ | |
| Commen | ts: | | | | | - | |
| | | | | | | | |
| | | | | | | | |
| | | | | | . <u></u> | | |
| | hat this data pa | ackage is in compliance with the terms than the conditions detailed above. Re | lease of this | s data containe | d in this i | hardcopy o | lata package and in |
| complete the comp | eness for other puter readable (| data submitted on the diskette has bee | n authorize | d by the Labora | Itory Mar | lager or th | e Managers |
| complete the comp | eness for other puter readable o e, as verified by | | | lame: MA | - | | - |

COVER PAGE - IN

ILMO4.1

U.S. EPA - CLP COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

| | | ····· | Contract: | | | | |
|--|--|--|--|---|----------------------|--------------------------------|----------|
| b Code: | LA024 | Case No.: | SAS No.: | | SDG No | .: 20506150 |)9 |
| OW No.: | | | | | | | |
| | | | | | | | |
| | | EPA Sample No | | Lab Sampl | e ID | | |
| | | SKGW62A-1014 (DISS) | | 20506150919 | <u> </u> | | |
| | | SKGW60-1014 | | 20506150921 | · | | |
| | | SKGW58-1014 | | 20506150922 | | | |
| | | SKGW58-1014 MS | | 20506150923 | <u> </u> | | |
| | | SKGW58-1014 DUP | | 20506150925 | | | |
| | | SKGW60-1014 (DISS) | | 20506150927 | • | | |
| | | SKGW58-1014 (DISS) | | 20506150928 | <u> </u> | | |
| | | SKGW58-1014 MS(DISS) | | 20506150929 | | | |
| | | SKGW58-1014 DUP(DISS) | | 20506150930 | <u> </u> | | |
| | | | | | | | |
| | | Were ICP interelement corrections and | blied 7 | Yes / No | YES | | |
| | | Were ICP interelement corrections app | | Yes / No | YES YES | | |
| | | Were ICP background corrections app | lied ? efore | Yes / No | YES | | |
| | | Were ICP background corrections app | lied ? efore | Yes / No | | | |
| Comment | ts: | Were ICP background corrections app | lied ? efore | Yes / No | YES | | |
| Comment | ts: | Were ICP background corrections app | lied ? efore | Yes / No | YES | | |
| Comment | ts: | Were ICP background corrections app | lied ? efore | Yes / No | YES | | |
| Comment | ts: | Were ICP background corrections app | lied ? efore | Yes / No | YES | | |
| Comment | ts: | Were ICP background corrections app | lied ? efore | Yes / No | YES | | |
| I certify the complete the comp | that this data peness for othe | Were ICP background corrections app | lied ? pefore ons ? and conditions as of this | Yes / No Yes / No ons of the contra data contained | NO act, both technic | y data packag | e and in |
| I certify the complete the complete designee | that this data peness for othe puter readable, as verified b | Were ICP background corrections app If yes-were raw data generated be application of background corrections application of background corrections application of background corrections application of background corrections applications detailed above. Release data submitted on the diskette has been | nd conditions authorized | Yes / No Yes / No ons of the contra data contained by the Laborat | NO act, both technic | y data packag the Manager's | e and in |

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ILMO4.1

EPA SAMPLE NO.

SKGW06R-1014

| | | 50901 | M P T |
|---|----------------------------------|---|---|
| Lab Same Date Record : ug/L Concentration 7510 11.5 5.2 397 | ple ID: 2050619 perived: 06/15/0 | 50901 5Q | M 7 |
| Date Record : ug/L Concentration 7510 11.5 5.2 397 | C B | 5 Q | PJ |
| Date Record : ug/L Concentration 7510 11.5 5.2 397 | C B | 5 Q | PJ |
| Concentration 7510 11.5 5.2 397 | С | Q | PJ |
| 7510 11.5 5.2 397 | В | | PJ |
| 7510 11.5 5.2 397 | В | | PJ |
| 7510 11.5 5.2 397 | В | | PJ |
| 11.5 5.2 397 | | E | |
| 5.2 397 | | | P |
| 397 | В | | <u> </u> |
| L | | | Р |
| 0.2 | | | Р |
| | В | | Р |
| 0.1 | U | | Р |
| 263000 | | <u> </u> | PJ |
| 9.7 | В | | Р |
| 12.5 | В | | P |
| | В | | PJ |
| | | E | |
| | | | P |
| | | | PJ |
| | | E | PJ |
| | | | AV |
| | | | P |
| | | | P |
| | | N | PR |
| | U | | P |
| | •• | | PJ |
| | | | PW |
| | В | <u> </u> | PJ |
| | | | AS |
| | | 12.5 B 17.3 B 21900 14.8 63000 1460 0.1 U 0.4 U 4080 B 3.5 U 1.1 U 23700 4.1 U 29.9 B | 12.5 B 17.3 B E 21900 E 14.8 63000 E 1460 E 0.1 U 0.4 U 4080 B 3.5 U N 1.1 U 23700 E 4.1 U N 29.9 B E |

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EPA SAMPLE NO.

| INORGANIC | ANALYSIS | DATA | SHEET |
|-----------|-----------------|------|-------|
|-----------|-----------------|------|-------|

SKGW07R-1014

| | AL | Col | ntract: | <u> </u> | ··· ··· |
|--------------------|--------------------------------|---------------|-------------------|--------------|--------------------|
| Lab Code: LA0 | 24 Case No.: _ | SA: | S No.: | SDG 1 | No.: 205061509 |
| | iter) Water | | Sample ID: 205061 | 50902 | |
| Level: (low / med | d) | | Received: 06/15/0 | | |
| % Solids: | | Date | Received. 00/13/0 | 5 | |
| Concentration U | Inits (ug/L or mg/kg dry weigl | nt): ug/L | | | |
| CAS No. | Analyte | Concentration | С | Q | M |
| 7429-90-5 | Aluminum | 23300 | | E | PJ |
| 7440-36-0 | Antimony | 18.6 | В | | Р |
| 7440-38-2 | Arsenic | 7.6 | В | | Р |
| 7440-39-3 | Barium | 1120 | | | Р |
| 7440-41-7 | Beryllium | 1.1 | В | | Р |
| 7440-43-9 | Cadmium | 0.1 | U | | Р |
| 7440-70-2 | Calcium | 293000 | | E | PJ |
| 7440-47-3 | Chromium | 44.2 | | | Р |
| 7440-48-4 | Cobalt | 17.8 | В | | Р |
| 7440-50-8 | Copper | 50.8 | | E | PJ |
| 7439-89-6 | Iron | 63600 | | E | PJ |
| 7439-92-1 | Lead | 29.5 | | | P |
| 7439-95-4 | Magnesium | 73000 | | E | PJ |
| 7439-96-5 | Manganese | 2340 | | E | PJ |
| 7439-97-6 | Mercury | 0.1 | U | | AV |
| 7440-02-0 | Nickel | 28.1 | В | | Р |
| 7440-09-7 | Potassium | 5940 | | 2 | P |
| 7782-49-2 | Selenium | 3.5 | Ü | N_ | PR |
| 7440-22-4 | Silver | 1.1 | υ | | Р |
| 7440-23-5 | Sodium | 27500 | | E | PJ |
| 7440-28-0 | Thallium | 4.1 | U | N | PUJ |
| 7440-62-2 | Vanadium | 47.0 | В | E | PJ |
| 7440-66-6 | Zinc | 146 | | | P |
| 57-12-5 | Cyanide | 0.6 | U | | AS |

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

| SKGW06R-1014 | (DISS) | |
|--------------|--------|--|
|--------------|--------|--|

| Lab Name: | GCAL | | Contract: | | <u> </u> | | |
|----------------|---------|-----------|----------------|-------------|----------|---|--|
| Lab Codec | LA024 | Case No.: | SAS No.: | | SDG No.: | 205061509 | |
| Matric (soil | /water) | Water | Lab Sample ID: | 20506150904 | | | |
| Level: (low / | med)_ | | Date Received: | 06/15/05 | | *************************************** | |
| % Solids: | | _ | | | | | |

Concentration Units (ug/L or mg/kg dry weight): ug/L

| CAS No. | Analyte | Concentration | С | Q | M | 7 |
|-----------------------|-----------|---------------|---|--------------|----|----|
| 7429-90-5 | Aluminum | 32.4 | В | | P | 1 |
| 7440-36-0 | Antimony | 5.4 | В | | P | 1 |
| 7440-38-2 | Arsenic | 3.8 | U | N | P | 1 |
| 7440-39-3 | Barium | 253 | | | P | 7 |
| 7440-41-7 | Beryllium | 0.1 | υ | | P | 7 |
| 7440-43- 0 | Cadmium | 0.1 | Ū | | P | ٦ |
| 7440-70-2 | Calcium | 199000 | | | P | 1 |
| 7440-47-3 | Chromium | 1.5 | В | | P | ٦ |
| 7440-48-4 | Cobelt | 1.1 | В | | Р | 7 |
| 7440-50-8 | Copper | 0.7 | U | | P | ٦ |
| 7439-89-6 | iron | 10.5 | U | | P | ٦ |
| 7439-92-1 | Leed | 1.4 | U | | Р | ٦ |
| 7439-95-4 | Megnesium | 34000 | | | P | ٦ |
| 7439-96-5 | Manganese | 224 | | <u> </u> | P | 1 |
| 7439-97-6 | Mercury | 0.1 | U | | AV | ٦ |
| 7440-02-0 | Nickel | 0.4 | U | | Р | 7 |
| 7440-09-7 | Potaesium | 2680 | В | | P | 7 |
| 7782-49-2 | Selenium | 3.5 | U | N | P | ٦, |
| 7440-22-4 | Silver | 1.1 | U | | Р | ٦ |
| 7440-23-5 | Sodium | 22800 | | | P | ٦ |
| 7440-28-0 | Thelium | 4.1 | U | | P | ٦ |
| 7440-62-2 | Vanadium | 11.9 | В | 3 - 1 | P | 7 |
| 7440-66-6 | Zinc | 12.1 | В | | P | 7 |

alistas S

| Color Before: | COLORLESS | Clarity Before: | CLEAR | Texture: | |
|---------------|-----------|-----------------|-------|------------|--|
| Color After: | COLORLESS | Clarity After: | CLEAR | Artifacts: | |

Comments:

EPA SAMPLE NO.

| INORGANIC | ANALYSIS | DATA | SHEET |
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SKGW07R-1014 (DISS)

| | | | | | | (3.55) |
|--------------------|-------------------------------|---------------|--------------------|-------------|--------|-------------|
| Lab Name: G | CAL | Contra | nct: | | | |
| Lab Code: LA | 024 Case No.: | SAS N | o.: | SDG No.: | 205061 | 1509 |
| Matrix: (soil / w | vater) Water | Lab Sam | ple ID: 2050615090 |)5 | | = . = |
| Level: (low / me | ed) | Date Re | ceived: 06/15/05 | | | |
| % Solids: | | Date He | OBITEG. 00/10/05 | | | |
| Concentration | Units (ug/L or mg/kg dry weig | ght) : ug/L | | | | |
| CAS No. | Analyte | Concentration | С | Q | M | |
| 7429-90-5 | Aiuminum | 24.0 | В | | P | |
| 7440-36-0 | Antimony | 6.0 | В | | Р | |
| 7440-38-2 | Arsenic | 3.8 | U | N | Р | |
| 7440-39-3 | Barium | 111 | В | | Р | |
| 7440-41-7 | Beryllium | 0.1 | Ü | | P | |
| 7440-43-9 | Cadmium | 0.1 | U | | Р | |
| 7440-70-2 | Calcium | 191000 | | | Р | |
| 7440-47-3 | Chromium | 32.8 | | | Р | |
| 7440-48-4 | Cobalt | 0.6 | U | | Р | |
| 7440-50-8 | Copper | 0.7 | U | | Р | |
| 7439-89-6 | Iron | 56.1 | В | | Р | |
| 7439-92-1 | Lead | 1.4 | U | | Р | |
| 7439-95-4 | Magnesium | 29400 | | | Р | |
| 7439-96-5 | Manganese | 908 | | | Р | |
| 7439-97-6 | Mercury | 0.1 | U | | AV | |
| 7440-02-0 | Nickel | 0.4 | U | | Р | |
| 7440-09-7 | Potassium | 2400 | В | | Р | , |
| 7782-49-2 | Selenium | 3.5 | U | N · | P | 41 |
| 7440-22-4 | Silver | 1.1 | U | | Р | |
| 7440-23-5 | Sodium | 26600 | | | Р | |
| 7440-28-0 | Thallium | 4.1 | U | | Р | |
| 7440-62-2 | Vanadium | 11.0 | В | | Р | |
| 7440-66-6 | Zinc | 14.3 | В | | Р | |

| Color Before: | COLORLESS | Clarity Before: | CLEAR | Texture: | |
|---------------|-----------|-----------------|-------|------------|--|
| Color After: | COLORLESS | Clarity After: | CLEAR | Artifacts: | |
| Comments: | | | | | |

EPA SAMPLE NO.

| INORGANIC | ANALYSIS | DATA | SHEET |
|-----------|-----------------|------|-------|
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SKGW59-1014

| Lab Name: GC/ Lab Code: LA02 Matrix: (soil / wate Level: (low / med % Solids: | Case No.: | Contra | at | <u> </u> | |
|---|----------------------------|---------------|----------------|-------------|----------------|
| latric (soil / wate | | | | | |
| evel: (low / med | er) Water | SAS N | o.: | SDG | No.: 205061509 |
| | | Lab Sam | ple ID: 205061 | 150907 | |
| | , | | | | |
| L Solide: | <i>'</i> | Date Red | zeived: 06/16/ | 25 | |
| | | | | | |
| Concentration Un | nits (ug/L or mg/kg dry we | ight): ug/L | | | |
| CAS No. | Analyte | Concentration | С | Q | M |
| 429-90-5 | Akıminum | 2390 | | E | PJ |
| 440-36-0 | Antimony | 7.2 | В | | Р |
| 440-38-2 | Arsenic | 4.1 | В | | Р |
| 140-39-3 | Barium | 85.2 | В | | P |
| | Beryllium | 0.1 | U | | Р |
| | Cadmium | 0.1 | U | | P |
| | Calcium | 238000 | | E | PJ |
| 440-47-3 | Chromium | 30.7 | | | P |
| 440-48-4 | Cobalt | 4.7 | В | | P |
| | Copper | 5.0 | B | <u>E</u> | PJ |
| | iron Lead | 10500 | В | E | P |
| | Megnesium | 56000 | | E | |
| | Manganese | 566 | | E | P 7 |
| | Mercury | 0.1 | | <u> </u> | |
| | Nickel | 0.4 | - | | P |
| | Potassium | 22500 | ` | F | <u> Р</u> |
| | Selenium | 3.5 | U | N | P R |
| | Silver | 1.1 | U | | P |
| 140-23-5 | Sodium | 148000 | | E | P J |
| 440-28-0 | Thellium | 4,1 | U | N | PWJ |
| 140-62-2 | Vanadium | 19.5 | В | E | P 7 |
| 440-66-6 | Zinc | 36.0 | | | P - |
| 7-12-5 | Cyanide | 0.6 | U | | AS |

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Comments:

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EPA SAMPLE NO.

| INORGANIC | ANALYSIS | DATA | SHEET |
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SKGW61-1014

| Matrix: (soil / water) Water Lab Sample ID: 20506150909 Level: (low / med) Date Received: 06/16/05 % Solids: Concentration Units (ug/L or mg/kg dry weight): ug/L CAS No. Analyte Concentration C Q M 7429-90-5 Aluminum 5930 E P 7440-36-0 Antimony 10.4 B P 7440-38-2 Arsenic 8.8 B P 7440-39-3 Barlum 10.1 U P 7440-41-7 Beryllium 0.2 B P 7440-43-9 Calcium 233000 E P 7440-47-3 Chromium 9.1 B P P | O6/16/05 Q M E P P P P P P P P P P P P P P P P P P P | Lab Code: LA024 | | | | | | | |
|---|---|--|--|-------------------------------|---------------|--|--|--|--|
| Matrix: (soil / water) Lab Sample ID: 20506150909 Level: (low / med) Date Received: 06/16/05 % Solids: Concentration Units (ug/L or mg/kg dry weight): ug/L CAS No. Analyte Concentration C Q M CAS No. Analyte Concentration C Q M M M 7440-36-0 Antimony 10.4 B P P At40-38-2 Arsenic 8.8 B P P P P 7440-39-3 Barlum 101 B P P P P 7440-41-7 Beryllium 0.2 B P P P P 7440-42-9 Cadrium 0.1 U PP P P 7440-72-2 Calcium 233000 E PP P P 7440-47-3 Chromium 9.1 B PP P P P P P P P P P P P P P P P P P P P P P P <th colspan<="" td=""><td>20506150909 06/16/05 Q M P F P J P P F P J P P P P P P P P P P P</td><td> Matric (soil / water) Water Lab Sample ID: 20506150909 </td><td>Lab Name: G</td><td>CAL</td><td>Con</td><td>tract:</td><td><u> </u></td><td></td></th> | <td>20506150909 06/16/05 Q M P F P J P P F P J P P P P P P P P P P P</td> <td> Matric (soil / water) Water Lab Sample ID: 20506150909 </td> <td>Lab Name: G</td> <td>CAL</td> <td>Con</td> <td>tract:</td> <td><u> </u></td> <td></td> | 20506150909 06/16/05 Q M P F P J P P F P J P P P P P P P P P P P | Matric (soil / water) Water Lab Sample ID: 20506150909 | Lab Name: G | CAL | Con | tract: | <u> </u> | |
| Date Received: O6/16/05 | Q M T F P T P T P T P T P T P T P T P T P T | Date Received: O6/16/05 O6/ | Lab Code: LA | 024 Case No.: _ | SAS | No.: | SDG | No.: 205061509 | |
| Date Received: O6/16/05 | Q M T F P T P T P T P T P T P T P T P T P T | Date Received: Date | Matrix: (soil / wa | ater) <u>Water</u> | Lab Sa | ample ID: 20506 | 150909 | | |
| ## Solids: | Q M F P P T P T P P T P P P P P P P P P P P | Concentration Units (ug/L or mg/kg dry weight): ug/L | Level: (low / me | ed) | | | | | |
| CAS No. Analyte Concentration C Q M 7429-90-5 Aluminum 5930 E P 7440-36-0 Antimony 10.4 B P 7440-38-2 Arsenic 8.8 B P 7440-39-3 Barlum 101 B P 7440-41-7 Beryllium 0.2 B P 7440-43-9 Cadmium 0.1 U P 7440-70-2 Calcium 233000 E P 7440-48-4 Cobalt 6.4 B P 7440-48-4 Cobalt 6.4 B P 7439-89-6 Iron 18200 E P 7439-95-1 Lead 8.3 P 7439-95-4 Magnesium 51700 E P 7439-96-5 Manganese 11110 E P 7440-09-7 Potassium 8270 P 7440-09-7 Potassium 8270 P 7440-22-4 Silver 1.1 U P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | E P P P P P P P P P P P P P P P P P P P | Concentration Units (ug/L or mg/kg dry weight): ug/L CAS No. | | | Date r | Received: U6/16/ | 705 | | |
| CAS No. Analyte Concentration C Q M 7429-90-5 Aluminum 5930 E P 7440-36-0 Antimony 10.4 B P 7440-38-2 Arsenic 8.8 B P 7440-39-3 Barium 101 B P 7440-41-7 Beryllium 0.2 B P 7440-43-9 Cadmium 0.1 U P 7440-70-2 Calcium 233000 E P 7440-47-3 Chromium 9.1 B P 7440-48-4 Cobalt 6.4 B P 7440-48-4 Cobalt 6.4 B E P 7439-89-6 Iron 18200 E P 7439-92-1 Lead 8.3 P P 7439-95-4 Magnesium 51700 E P 7439-96-5 Manganese 1110 E P 7440-02-0 | E P P P P P P P P P P P P P P P P P P P | CAS No. Analyte Concentration C Q M 7429-90-5 Aluminum 5930 E P 7440-38-0 Antimony 10.4 B P 7440-38-2 Arsenic 8.8 B P 7440-38-2 Arsenic 8.8 B P 7440-39-3 Barlum 101 B P 7440-43-1 Beryllium 0.2 B P 7440-43-9 Cadmium 0.1 U P 7440-43-9 Cadmium 0.1 U P 7440-47-3 Chromium 9.1 B P 7440-47-3 Chromium 9.1 B P 7440-48-4 Cobalt 6.4 B P 7440-48-5 Copper 11.6 B E P J 7439-98-6 Iron 18200 E P J J J J J J J J | A Solids. | | | | | | |
| 7429-90-5 Aluminum 5930 E P 7440-36-0 Antimony 10.4 B P 7440-38-2 Arsenic 8.8 B P 7440-39-3 Barlum 101 B P 7440-41-7 Beryllium 0.2 B P 7440-43-9 Cadmium 0.1 U P 7440-43-9 Cadmium 0.1 U P 7440-43-9 Calcium 233000 E P 7440-43-9 Calcium 233000 E P 7440-43-9 Calcium 9.1 B P 7440-47-3 Chromium 9.1 B P 7440-48-4 Cobalt 6.4 B P 7440-48-4 Cobalt 6.4 B E P 7439-89-6 Iron 18200 E P 7439-99-1 Lead 8.3 P P 7439-95-4 Magnesium | E P P P P P P P P P P P P P P P P P P P | Table Tabl | Concentration I | Units (ug/L or mg/kg dry weig | ht) : ug/L | | | | |
| 7440-36-0 Antimony 10.4 B P 7440-38-2 Arsenic 8.8 B P 7440-39-3 Barlum 101 B P 7440-41-7 Beryllium 0.2 B P 7440-43-9 Cadmium 0.1 U P 7440-43-9 Cadmium 9.1 B P 7440-47-3 Chromium 9.1 B P 7440-48-4 Cobalt 6.4 B P 7440-48-4 Cobalt 6.4 B P 7439-89-6 Iron 18200 E P 7439-98-6 Iron 18200 E P 7439-95-4 Magnesium 51700 E P 7439-96-5 Manganese 1110 | P P P P P P P P P P P P P P P P P P P | 10.4 B | CAS No. | Analyte | Concentration | C | Q | | |
| 7440-38-2 Arsenic 8.8 B P 7440-39-3 Barlum 101 B P 7440-41-7 Beryllium 0.2 B P 7440-43-9 Cadmium 0.1 U P 7440-70-2 Calcium 233000 E P 7440-47-3 Chromium 9.1 B P 7440-48-4 Cobalt 6.4 B P 7440-50-8 Copper 11.6 B E P 7439-89-6 Iron 18200 E P 7439-92-1 Lead 8.3 P P 7439-95-4 Magnesium 51700 E P 7439-96-5 Manganese 1110 E P 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 8270 P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver | P P P P P F P F P P F P F P F P F P F P | Arabic Arabic Read Rea | 7429-90-5 | Aluminum | 5930 | | E | PJ | |
| 7440-39-3 Barlum 101 B P 7440-41-7 Beryllium 0.2 B P 7440-43-9 Cadmium 0.1 U P 7440-70-2 Calcium 233000 E P 7440-47-3 Chromium 9.1 B P 7440-48-4 Cobalt 6.4 B P 7440-50-8 Copper 11.6 B E P 7439-89-6 Iron 18200 E P 7439-92-1 Lead 8.3 P P 7439-95-4 Magnesium 51700 E P 7439-95-5 Manganese 1110 E P 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 8270 P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium | P P P E P F P F P F P F P F P F P F P F | Table Tabl | 7440-36-0 | Antimony | 10.4 | В | | P | |
| 7440-41-7 Beryllium 0.2 B P 7440-43-9 Cadmium 0.1 U P 7440-70-2 Calcium 233000 E P 7440-47-3 Chromium 9.1 B P 7440-48-4 Cobalt 6.4 B P 7440-50-8 Copper 11.6 B E P 7439-89-6 Iron 18200 E P 7439-92-1 Lead 8.3 P P 7439-95-4 Magnesium 51700 E P 7439-96-5 Manganese 1110 E P 7439-97-6 Mercury 0.1 U AV 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | E P J P P P P P P P P P P P P P P P P P | Table Tabl | 7440-38-2 | Arsenic | 8.8 | В | | P | |
| 7440-43-9 Cadmium 0.1 U P 7440-70-2 Calcium 233000 E P 7440-47-3 Chromium 9.1 B P 7440-48-4 Cobalt 6.4 B P 7440-50-8 Copper 11.6 B E P 7439-89-6 Iron 18200 E P 7439-92-1 Lead 8.3 P P 7439-95-4 Magnesium 51700 E P 7439-96-5 Manganese 1110 E P 7440-96-5 Mercury 0.1 U AV 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 8270 P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | E P J P P F P N P WJ E P AS | Table Tabl | 7440-39-3 | Barlum | 101 | В | | P | |
| 7440-70-2 Calcium 233000 E P 7440-47-3 Chromium 9.1 B P 7440-48-4 Cobalt 6.4 B P 7440-50-8 Copper 11.6 B E P 7439-89-6 Iron 18200 E P 7439-92-1 Lead 8.3 P P 7439-95-4 Magnesium 51700 E P 7439-96-5 Manganese 1110 E P 7439-97-6 Mercury 0.1 U AV 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 8270 P P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | E P J P P P P P P P P P P P P P P P P P | Table Tabl | 7440-41-7 | Beryllium | 0.2 | В | | P | |
| 7440-47-3 Chromium 9.1 B P 7440-48-4 Cobalt 6.4 B P 7440-50-8 Copper 11.6 B E P 7439-89-6 Iron 18200 E P 7439-92-1 Lead 8.3 P P 7439-95-4 Magnesium 51700 E P 7439-96-5 Manganese 1110 E P 7439-97-6 Mercury 0.1 U AV 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 8270 P P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | E P J E P J AV P R P T N P T E P T AS | Color Before: LT.YELLOW Clarity Before: CLEAR Feature: Color Before: LT.YELLOW Clarity Before: CLEAR Feature: Color Before: LT.YELLOW Clarity Before: CLEAR Texture: Color Before: CLEAR Texture: CLEAR Te | 7440-43-9 | Cadmium | 0.1 | U | ······································ | Р | |
| 7440-48-4 Cobalt 6.4 B P 7440-50-8 Copper 11.6 B E P 7439-89-6 Iron 18200 E P 7439-92-1 Lead 8.3 P P 7439-95-4 Magnesium 51700 E P 7439-96-5 Manganese 1110 E P 7439-97-6 Mercury 0.1 U AV 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 8270 P P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | E P J E P J AV P R P T N P T E P T AS | Color Before: LT.YELLOW Clarity Before: CLEAR Feature: Color Before: LT.YELLOW Clarity Before: CLEAR Feature: Color Before: LT.YELLOW Clarity Before: CLEAR Texture: Color Before: CLEAR Texture: CLEAR Te | 7440-70-2 | Calcium | 233000 | | Ε | T P T | |
| 7440-50-8 Copper 11.6 B E P 7439-89-6 Iron 18200 E P 7439-92-1 Lead 8.3 P 7439-95-4 Magnesium 51700 E P 7439-96-5 Manganese 1110 E P 7439-97-6 Mercury 0.1 U AV 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 8270 P P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | E P J P P P P P P P P P P P P P P P P P | T440-50-8 | 7440-47-3 | | 9.1 | В | • | | |
| 7440-50-8 Copper 11.6 B E P 7439-89-6 Iron 18200 E P 7439-92-1 Lead 8.3 P 7439-95-4 Magnesium 51700 E P 7439-96-5 Manganese 1110 E P 7439-97-6 Mercury 0.1 U AV 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 8270 P P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | E P J P J AS | T440-50-8 | | Cobalt | 6.4 | В | · · · · · · · · · · · · · · · · · · · | P | |
| 7439-89-6 Iron 18200 E P 7439-92-1 Lead 8.3 P 7439-95-4 Magnesium 51700 E P 7439-96-5 Manganese 1110 E P 7439-97-6 Mercury 0.1 U AV 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 8270 P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodłum 33500 E P | E P J P J AV P P P P P P P P P P P P P P P P P P | Taylog | | | 11.6 | В | E | PJ | |
| 7439-92-1 Lead 8.3 P 7439-95-4 Magnesium 51700 E P 7439-96-5 Manganese 1110 E P 7439-97-6 Mercury 0.1 U AV 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 8270 P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | E P J AV P R P D D D D D D D D D D D D D D D D D | Table Tabl | | | | | E | | |
| 7439-95-4 Magnesium 51700 E P 7439-96-5 Manganese 1110 E P 7439-97-6 Mercury 0.1 U AV 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 8270 P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | E P J AV P R P P N P S S S S S S S S S S S S S S S S | T439-95-4 Magnesium | | | | | | _ | |
| 7439-96-5 Manganese 1110 E P 7439-97-6 Mercury 0.1 U AV 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 8270 P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | AV P P N P R P I E P N P I E P AS | T439-96-5 Manganese | | _1 | | | E | | |
| 7439-97-6 Mercury 0.1 U AV 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 8270 P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | AV P P N P R P I E P N P I E P AS | 7439-97-6 Mercury | | _ | | | | | |
| 7440-02-0 Nickel 0.4 U P 7440-09-7 Potassium 8270 P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | P P N P E P N P UJ E P AS | T440-02-0 Nickel 0.4 U | | | | 1 11 | | | |
| 7440-09-7 Potassium 8270 P 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | P R P R P J J W J E P AS | Range | | | | <u> </u> | | | |
| 7782-49-2 Selenium 3.5 U N P 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | N P R J J J E P J J AS | Trace | | <u> </u> | | | | | |
| 7440-22-4 Silver 1.1 U P 7440-23-5 Sodium 33500 E P | E P J WJ E P AS | Table Tabl | | | | | | 1 · · | |
| 7440-23-5 Sodium 33500 E P | E P J N P UJ E P J AS | Table Tabl | | | | | | | |
| | P AS | 7440-66-6 Zinc 54.3 P | | | | | E | | |
| 7440-28-0 Thallium 44 11 N D | P AS | 7440-66-6 Zinc 54.3 P | | | | ,, | | | |
| | P AS | 7440-66-6 Zinc 54.3 P | | | | | | | |
| | AS | Color Before: LT.YELLOW Clarity Before: CLEAR Texture: | | | | | | | |
| | | مرامات Color Before: LT.YELLOW Clarity Before: CLEAR Texture: | | | | | | | |
| 7440-66-6 Zinc 54.3 P | | | 7440-66-6 | Zinc | 54.3 | | E | AS | |
| | radiacia. | | Comments: | | | | | | |

FORM I - IN

ILM04.1

EPA SAMPLE NO.

| INORGANIC ANALYSIS DATA SHEE | INORGANIC | ANALYSIS | DATA | SHEET |
|------------------------------|-----------|----------|------|-------|
|------------------------------|-----------|----------|------|-------|

| SKG | 44C 4 | 4044 | |
|-------|-------|------|---|
| 200.5 | | 1014 | • |

| ab Name: GCAL | | | | SKG | 5W 64-1014 |
|-----------------------|-------------------------|---------------|-------------------|-------------|-----------------------|
| | | Co | ntract: | | |
| b Code: LA024 | Case No.: | SA: | S No.: | SDG1 | No.: 205061509 |
| urbc (soil/water) | Water | Lab S | Sample ID: 205061 | 50910 | <u>.</u> |
| vel: (low/med) | | Date | Received: 06/16/0 |) 5 | |
| Solida: | | | | | |
| oncentration Units (1 | ug/L or mg/kg dry weigh | n): wg/L | | | |
| CAS No. | Analyte | Concentration | C | Q | M |
| 29-90-5 Alum | ninum | 66200 | | E | PJ |
| 0-36-0 Antir | morry | 33.4 | В | | Р |
| 0-38-2 Aree | | 3.8 | U | | Р |
| 0-39-3 Bari | um . | 174 | В | | Р |
| | Sum | 3.7 | В | | Р |
| | mium | 0.1 | U | | P |
| 0-70-2 Calc | | 441000 | | Ε | PJ |
| | mium | 93.8 | | | Р |
| 0-48-4 Cob | | 63.9 | | | P |
| 1-50-8 Cop | per | 66.4 | | Ε | PJ |
| -89-6 Iron | | 150000 | | E | PJ |
| -92-1 Lees | | 58.9 | | | Р |
| 95-4 Me g | nesium | 105000 | | E | PJ |
| | ganese | 4290 | | E | PJ |
| -97-6 Merc | cury | 0.1 | Ü | | AV |
| -02-0 Nick | al | 102 | | | Р |
| | esium | 21000 | | 75/ | P |
| -49-2 Sele | nium | 3.5 | U | N | PR |
| -22-4 Silve | ж | 1.1 | Ų | | Р |
| -23-5 Sodi | ium | 46300 | | E | PJ |
| | lium | 4.1 | U | N | PUJ |
| | adium | 89.3 | | E | PJ |
| 0-66-6 Zinc | | 337 | | | Р |
| 12-5 Cya | nide | 0.6 | U | | AS |

FORM I - IN

Comments:

ILM04.1

EPA SAMPLE NO.

| INORGANIC | ANALYSIS | DATA | SHEET |
|-----------|----------|------|-------|
|-----------|----------|------|-------|

SKGW63-1014

| Matrix: (soil / water) Level: (low / med) % Solids: | Case No.: | Contra SAS N | <u>,</u> | | |
|---|--------------------------|-----------------|-----------------|---------------------------------------|---|
| Matrix: (soil / water) Level: (low / med) % Solids: |) Water | SAS N | _ | | |
| Level: (low / med) % Solids: | | | ło.: | SDG N | No.: 205061509 |
| % Solids: | | Lab San | nple ID: 205061 | 50911 | |
| | | | ceived: 06/16/0 | · · · · · · · · · · · · · · · · · · · | |
| | | Date No | . <u> </u> | | |
| Concentration Units | (ug/L or mg/kg dry weigh | t): ug/L | | | |
| CAS No. | Analyte | Concentration | С | Q | М |
| 7429-90-5 Alu | uminum | 99900 | | Е | PJ |
| 7440-36-0 An | itimony | 53.5 | В | | Р |
| 7440-38-2 An | senic | 3.8 | U | | Р |
| 7440-39-3 Ba | ırium | 617 | | | Р |
| 7440-41-7 Be | eryllium | 5.3 | | | P |
| | admium | 0.1 | U | | P |
| | alcium | 922000 | | E | PJ |
| | romíum | 120 | | · · · · · · · · · · · · · · · · · · · | Р |
| | balt | 99.3 | | | P |
| | pper | 187 | | E | PJ |
| 7439-89-6 Iro | | 223000 | | E | PJ |
| | ad | 140 | | | Р |
| | agnesium | 184000 | | E | PT |
| | anganese | 8490 | | E | PJ |
| | ercury | 0.2 | | | AV |
| | ckel | 171 | | | P |
| | otassium | 22000 | | <u> </u> | P |
| | elenium | 3.5 | U | N N | PR |
| | ver | 1.1 | U | | P |
| | dium | 71100 | | E | PT |
| | allium | 4.1 | | N | P JUJ |
| | ınadium | 133 | | E | |
| 7440-66-6 Zin | | 637 | | | P 3 |
| | ranide | 0.6 | U | V | AS |

FORM I - IN

ILM04.1

EPA SAMPLE NO.

| INORGANIC | ANIAL VOIC | DATA | CHEET |
|--------------|------------|------|-------|
| PRINCIPANIC. | ANALTOIS | DATA | SHEET |

| | | SKGW62A-1014 | |
|-----------------------------|--------------------------|--------------------|--|
| Lab Name: GCAL | Contract: | | |
| Lab Code: LA024 Case No.: | SAS No.: | SDG No.: 205061509 | |
| Matric (soil / water) Water | Lab Sample ID: 205061509 | 012 | |
| Level: (low/med) | Date Received: 06/16/05 | | |
| % Solids: | | _ | |
| | | | |

Concentration Units (ug/L or mg/kg dry weight): ug/L

| CAS No. | Analyte | Concentration | С | Q | M |
|------------------------|-----------|---------------|---|-----|----|
| 7429-90-5 | Aluminum | 19800 | 1 | E | P |
| 7440-36-0 | Antimony | 15.5 | В | | Р |
| 7440-38-2 | Arsenic | 4.5 | В | | P |
| 7440-39-3 | Barium | 464 | | | P |
| 7440-41-7 | Beryllium | 0.9 | В | | P |
| 7440-43-9 | Cadmium | 0.1 | U | | Р |
| 7440-70-2 | Calcium | 274000 | | E | P |
| 7440-47-3 | Chromium | 42.5 | | | Р |
| 7440-48-4 | Cobelt | 20.5 | В | | Р |
| 7440-50-8 | Copper | 40.8 | | E | Р |
| 7439-89-6 | iron | 48000 | | E | P |
| 7439-92-1 | Lead | 32.3 | | | Р |
| 743 9-9 5-4 | Magnesium | 79000 | | E . | P |
| 7439-96-5 | Manganese | 1430 | | E | Р |
| 7439-97-6 | Mercury | 0.1 | U | | AV |
| 7440-02-0 | Nickel | 15.8 | В | | P |
| 7440-09-7 | Potassium | 13200 | | 7 | Р |
| 7782-49-2 | Selenium | 3.5 | U | N | Р |
| 7440-22-4 | Silver | 1.1 | U | | P |
| 7440-23-5 | Sodium | 122000 | | E | Р |
| 7440-28-0 | Thallium | 4.1 | U | N | P |
| 7440-62-2 | Vanadium | 42.8 | В | Ε | P |
| 7440-66-6 | Zinc | 150 | | | P |
| 57-12-5 | Cyanide | 0.6 | В | | AS |

| Color Before: | LT.BROWN | Clarity Before: | CLEAR | Texture: | |
|---------------|----------|-----------------|-------|------------|-------------|
| Color After: | LT.BROWN | Clarity After: | CLEAR | Artifacts: | |

Comments:

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

| | | INORGANIC AN | ALTOIS DATA S | PUCCI | SKGW59 | 1014 (DISS) | |
|-----------|-------|--------------|---------------|-------|----------|-------------|--|
| Lab Name: | GCAL | | Contract: | | | | |
| Lab Code: | LA024 | Case No.: | SAS No.: | | SDG No.: | 205061509 | |

Matrix: (soil / water) Water Lab Sample ID: 20506150914

Level: (low / med) _____ Date Received: _06/16/05

Concentration Units (ug/L or mg/kg dry weight): ug/L

% Solids:

| CAS No. | Analyte | Concentration | С | Q | М |
|-----------|-----------|---------------|---|---------------------------------------|----|
| 7429-90-5 | Aluminum | 16.4 | U | | P |
| 7440-36-0 | Antimony | 7.7 | В | · | Р |
| 7440-38-2 | Arsenic | 3.8 | U | N | P |
| 7440-39-3 | Barium | 24.6 | В | | Р |
| 7440-41-7 | Beryllium | 0.1 | υ | | Р |
| 7440-43-9 | Cadmium | 0.1 | U | | P |
| 7440-70-2 | Calcium | 240000 | | | P |
| 7440-47-3 | Chromium | 0.8 | U | | P |
| 7440-48-4 | Cobalt | 0.6 | U | | Р |
| 7440-50-8 | Copper | 0.7 | U | | P |
| 7439-89-6 | Iron | 10.5 | U | | Р |
| 7439-92-1 | Lead | 1.4 | U | | Р |
| 7439-95-4 | Magnesium | 54600 | | | P |
| 7439-96-5 | Manganese | 0.1 | U | | Р |
| 7439-97-6 | Mercury | 0.1 | U | | AV |
| 7440-02-0 | Nickel | 0.4 | U | · · · · · · · · · · · · · · · · · · · | Р |
| 7440-09-7 | Potassium | 23200 | | | P |
| 7782-49-2 | Selenium | 3.5 | U | N | Р |
| 7440-22-4 | Silver | 1.1 | U | | P |
| 7440-23-5 | Sodium | 151000 | | | P |
| 7440-28-0 | Thallium | 4.1 | U | - | P |
| 7440-62-2 | Vanadium | 16.0 | В | | Р |
| 7440-66-6 | Zinc | 12.5 | В | | P |

113/05

uJ

| Color Before: | COLORLESS | Clarity Before: | CLEAR | Texture: | |
|---------------|-----------|-----------------|-------|------------|--|
| Color After: | COLORLESS | Clarity After: | CLEAR | Artifacts: | |
| Comments: | | | | | |

EPA SAMPLE NO.

| INORGANIC | ANALYSIS | DATA | SHEET |
|-----------|----------|------|-------|
|-----------|----------|------|-------|

| INO | | ORGANIC ANALYSIS DATA SHEET | | | SKGW61-1014 (DISS) | | |
|-----------------|--------------------|-----------------------------|---------------|-----------|--------------------|----------|-----------|
| ab Name: | GCAL | | Con | tract: | | <u> </u> | <u></u> |
| nb Code: 1 | LA024 | Case No.: | SAS | No.: | | SDG No.: | 205061509 |
| latric (soil / | (water) | Water | Lab Sa | imple ID: | 20506150916 | | |
| evet (low/ | med) _ | <u>-</u> - | Date F | teceived: | 06/16/05 | | _ |
| Solida: | | _ | | | | | |
| Concentratio | on Units (c | ug/L or mg/kg dry weigh | t): Ug/L | | | | |
| CAS No. | T | Analyte | Concentration | C | | Q | M |

| CAS No. | Analyte | Concentration | С | Q | M |] |
|-----------|-----------|---------------|---|-------------|----|-----|
| 7429-90-5 | Aluminum | 16.4 | U | | Р | 1 |
| 7440-36-0 | Antimony | 7.6 | В | | P | 1 |
| 7440-38-2 | Arsenic | 3.8 | U | N | P | 1 |
| 7440-39-3 | Barium | 46.3 | В | | Р | 1 |
| 7440-41-7 | Beryllium | 0.1 | U | | P | 1 |
| 7440-43-0 | Cadmium | 0.1 | U | | Р | 1 |
| 7440-70-2 | Calcium | 211000 | | | P | 1 |
| 7440-47-3 | Chromium | 0.8 | U | | P | 1 |
| 7440-48-4 | Cobelt | 1.4 | В | | P | 1 |
| 7440-50-8 | Copper | 0.7 | U | | P | 1 |
| 7439-89-6 | iron | 122 | | | Р | 7 |
| 7439-92-1 | Leed | 1.4 | U | | P | 7 |
| 7439-95-4 | Magnesium | 45800 | | | Р | 1 |
| 7439-96-5 | Mengenese | 953 | | | P | 7 |
| 7439-97-6 | Mercury | 0.1 | U | | AV | 7 |
| 7440-02-0 | Nickel | 0.4 | U | | Р | 1 |
| 7440-09-7 | Potassium | 7010 | | | P | _ أ |
| 7782-49-2 | Selenium | 3.5 | U | N | P | TU. |
| 7440-22-4 | Silver | 1.1 | U | | P | 1 |
| 7440-23-5 | Sodium | 35400 | | | P | † |
| 7440-28-0 | Thellium | 4.1 | U | | Р | 1 |
| 7440-62-2 | Vanadium | 12.9 | В | | Р | 7 |
| 7440-66-6 | Zinc | 13.7 | В | | Р | † |

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| Color Before: | COLORLESS | Clarity Before: | CLEAR | Texture: | |
|---------------|-----------|-----------------|-------|------------|--|
| Color After: | COLORLESS | Clarity After: | CLEAR | Artifacts: | |
| Comments: | | | | | |

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SKGW64-1014 (DISS)

| Lab Name: | GCAL | | _ Contract: | | | | |
|----------------|-----------------------------|--|----------------|-------------|----------|-----------|--|
| Lab Code: | LA024 Case | No.: | SAS No.: | | SDG No.: | 205061509 | |
| Matrix: (soil | /water) <u>Water</u> | | Lab Sample ID: | 20506150917 | | | |
| Level: (low / | med) | | Date Received: | 06/16/05 | | | |
| % Solids: | | | | | | | |
| Concentration | on linite (ua/li or ma/ka / | in weight) · · · · · · · · · · · · · · · · · · · | | | | | |

Concentration Units (ug/L or mg/kg dry weight): ug/L

| CAS No. | Analyte | Concentration | С | Q | М |
|-----------|-----------|---------------|---|---------------------------------------|----|
| 7429-90-5 | Aluminum | 23.4 | В | · · · · | P |
| 7440-36-0 | Antimony | 5.8 | В | | P |
| 7440-38-2 | Arsenic | 3.8 | U | N | Р |
| 7440-39-3 | Barium | 32.1 | В | | Р |
| 7440-41-7 | Beryllium | 0.1 | U | | Р |
| 7440-43-9 | Cadmium | 0.1 | U | | P |
| 7440-70-2 | Calcium | 181000 | | | Р |
| 7440-47-3 | Chromium | 0.8 | Ü | | Р |
| 7440-48-4 | Cobalt | 0.6 | U | | Р |
| 7440-50-8 | Copper | 0.7 | U | | Р |
| 7439-89-6 | iron | 10.5 | U | | Р |
| 7439-92-1 | Lead | 1.4 | υ | | Р |
| 7439-95-4 | Magnesium | 57300 | | | P |
| 7439-96-5 | Manganese | 115 | | | Р |
| 7439-97-6 | Mercury | 0.1 | U | | AV |
| 7440-02-0 | Nickel | 0.4 | U | | Р |
| 7440-09-7 | Potassium | 10100 | | | Р |
| 7782-49-2 | Selenium | 3.5 | U | N | Р |
| 7440-22-4 | Silver | 1.1 | U | - 1 1 | Р |
| 7440-23-5 | Sodium | 46300 | | | P |
| 7440-28-0 | Thallium | 4.1 | U | | P |
| 7440-62-2 | Vanadium | 15.8 | В | · · · · · · · · · · · · · · · · · · · | Р |
| 7440-66-6 | Zinc | 7.5 | В | | Р |

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| Color Before: | COLORLESS | Clarity Before: | CLEAR | Texture: | |
|---------------|-----------|-----------------|-------|------------|---------------------------------------|
| Color After: | COLORLESS | Clarity After: | CLEAR | Artifacts: | · · · · · · · · · · · · · · · · · · · |
| Commente: | | | | | |

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EPA SAMPLE NO.

| INORGANIC | ANALYSIS | DATA | SHEET |
|-----------|----------|------|-------|
|-----------|----------|------|-------|

| Lab Name: GC/ Lab Code: LA02 | <u>u</u> | Contra | et: | | |
|---------------------------------|----------------------------|---------------|----------------------|--------------|--------------|
| ab Code: LA02 | | | · | | |
| | Case No.: | SAS N | o.: | SDG | No.: 2050615 |
| atric (soil/web | er) Water | _ Lab Sam | ple ID: 2050 | 6150918 | |
| vet (low/med | ·) | | | | |
| Solida: | | | ceived: <u>06/10</u> | <u>6/05</u> | |
| | nits (ug/L or mg/kg dry we | | _ - | _ | · |
| CAS No. | Analyte | Concentration | <u> </u> | Q | M |
| | Aluminum | 31.7 | В | | Р |
| | Antimony | 6.4 | В | | Р |
| | Arsenic | 3.8 | U | N | Р |
| 40-39-3 | Barium | 31.0 | В | | P |
| 40-41-7 | Beryllium | 0.1 | U | | Р |
| | Cadmium | 0.1 | U | | P |
| 10-70-2 | Calcium | 245000 | | | P |
| 10-47-3 | Chromium | 0.8 | U | | P |
| | Cobalt | 2.1 | В | | P |
| | Copper | 0.7 | U | · | Р |
| 39-89-6 | Iron | 1840 | | | P |
| 39-02-1 | Leed | 1.4 | U | | P |
| 39-95-4 | Magnesium | 56800 | | | Р |
| 39-96-5 | Manganese | 1980 | | | P |
| 39-97-6 | Mercury | 0.1 | U | | AV |
| 40-02-0 | Nickel | 0.4 | U | | Р |
| 40-09-7 | Potassium | 7300 | | | P _ |
| 82-49-2 | Selenium | 3.5 | U | <u>N</u> | P |
| 40-22-4 | Silver | 1,1 | U | | Р |
| 40-23-5 | Sodium | 66300 | | | Р |
| 40-28-0 | Thellium | 4.1 | U | | Р |
| | Vanedium | 14.7 | B | | P |
| 440-66-6 | Zinc | 10.2 | B | | Р |
| | | | | (| Majos |
| | | | | | 9/05 |

| Color Before: | COLORLESS | Clarity Before: | CLEAR | Texture: | |
|---------------|-----------|-----------------|-------|------------|--|
| Color After: | COLORLESS | Clarity After: | CLEAR | Artifacts: | |

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

| SKGW62A-1014 | (DISS) |
|--------------|--------|
|--------------|--------|

| | | | | 5.1 | O11021 1011 (2100) | |
|--------------------|-------------------------------|-----------------|-------------------|---|--------------------|--|
| Lab Name: 0 | GCAL | Cont | ract: | | | |
| Lab Code: LA | A024 Case No.: | SAS | No.: | SDG | No.: 205061509 | |
| Matrix: (soil / v | vater) Water | Lab Sa | mple ID: _2050615 | 50919 | | |
| Level: (low / m | ned) | | eceived: 06/16/05 | | | |
| % Solids: | | Dato A | <u> </u> | <u>, </u> | | |
| Concentration | Units (ug/L or mg/kg dry weig | ht): ug/L | | | | |
| CAS No. | Analyte | Concentration | С | Q | M | |
| 7429-90-5 | Aluminum | 36.6 | В | · | P | |
| 7440-36-0 | Antimony | 6.7 | В | | P | |
| 7440-38-2 | Arsenic | 3.8 | U | N | Р | |
| 7440-39-3 | Barium | 112 | В | | Р | |
| 7440-41-7 | Beryllium | 0.1 | U | | Р | |
| 7440-43-9 | Cadmium | 0.1 | U | | Р | |
| 7440-70-2 | Calcium | 133000 | | | Р | |
| 7440-47-3 | Chromium | 0.8 | U | | Р | |
| 7440-48-4 | Cobalt | 0.6 | U | | Р | |
| 7440-50-8 | Copper | 0.7 | U | | Р | |
| 7439-89-6 | iron | 10.5 | U | | P | |
| 7439-92-1 | Lead | 1.4 | U | | Р | |
| 7439-95-4 | Magnesium | 55900 | | | Р | |
| 7439-96-5 | Manganese | 65.0 | | | Р | |
| 7439-97-6 | Mercury | 0.1 | U | | AV | |
| 7440-02-0 | Nickel | 0.4 | υ | | Р | |
| 7440-09-7 | Potassium | 8910 | | | P 1 | |
| 7782-49-2 | Selenium | 3.5 | J | N | PUJ | |
| 7440-22-4 | Silver | 1.1 | Ü | | Р | |
| 7440-23-5 | Sodium | 126000 | | | Р | |
| 7440-28-0 | Thallium | 4.1 | U | | Р | |
| 7440-62-2 | Vanadium | 16.0 | В | | Р | |
| 7440-66-6 | Zinc | 5.5 | В | · | Р | |
| | | | | | 9/13/25 mor | |
| Color Before: | COLORLESS | Clarity Before: | CLEAR | . Text | ure: | |
| Color After: | COLORLESS | Clarity After: | CLEAR | Artifa | acts: | |

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

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|----|---|-----|----|---|
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| | | | | | SKGW60 | D-1014 | |
|-----------------------|-----------------------------|-------------|---------------|-------------|--------------|-----------|---|
| Lab Name: GCAL | • | | Contract: _ | | | | |
| Lab Code: LA024 | Case No.: | | SAS No.: | | SDG No.: | 205061509 | , |
| Matric (soil / water |) Water | La | ab Sample ID: | 20506150921 | | | |
| Levet: (low / med) | | D | ate Received: | 06/17/05 | - | | |
| % Solids: | | | | | | | |
| Concentration Unit | is (ug/L or mg/kg dry weigh | n): ug/L | | | | | |
| CAS No. | Analyte | Concentrati | on C | ; | Q | M | |

| CAS No. | Analyte | Concentration | С | Q | M | 7 |
|-----------|-----------|---------------|---|---|----|-----|
| 7429-90-5 | Aluminum | 74200 | | E | Р | 15 |
| 7440-36-0 | Antimony | 36.7 | В | | Р | 1 |
| 7440-38-2 | Arsenic | 3.8 | U | | P | 1 |
| 7440-39-3 | Barium | 181 | В | | P | 1 |
| 7440-41-7 | Beryllium | 4.3 | В | | Р | 1 |
| 7440-43-9 | Cadmium | 0.1 | U | | P | 1_ |
| 7440-70-2 | Calcium | 568000 | | E | P | 73 |
| 7440-47-3 | Chromium | 106 | | | P | 1 |
| 7440-48-4 | Cobelt | 77.6 | | | P | 1 . |
| 7440-50-8 | Copper | 83.7 | | E | P | 子 |
| 7439-89-6 | Iron | 160000 | | E | P | 77 |
| 7439-92-1 | Leed | 78.7 | | | P | 1 |
| 7439-95-4 | Megnesium | 86700 | | E | Р | 7丁 |
| 7439-96-5 | Manganese | 4340 | | E | Р | コエ |
| 7439-97-6 | Mercury | 0.2 | | | AV | 1 |
| 7440-02-0 | Nickel | 105 | | | P | 1 |
| 7440-09-7 | Potassium | 19100 | | 2 | P | 1_ |
| 7782-49-2 | Selenium | 3.5 | υ | Ň | P | 7 K |
| 7440-22-4 | Silver | 1.1 | U | | Р | 1 |
| 7440-23-5 | Sodium | 19500 | | E | Р | 「 |
| 7440-28-0 | Thellium | 4.1 | U | N | Р | UI |
| 7440-62-2 | Vanadium | 103 | | Ε | Р | ゴ |
| 7440-66-6 | Zinc | 391 | | | Р | 1 |

| Color Before: | DK.BROWN | Clarity Before: | CLOUDY | Texture: |
|---------------|----------|-----------------|--------|------------|
| Color After: | DK.BROWN | Clarity After: | CLOUDY | Artifacts: |
| Comments: | | | | |

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

| | | ' | HORGANIC ANALYSIS DATA SHEET | | SKGW58-1014 | | | |
|----------------|--------------|------------------------|------------------------------|-----------|-------------|----------|----------------|-------------|
| Lab Name: | GCAL | | Con | tract: | | | | |
| Lab Code: | LA024 | _ Case No.: | SAS | No.: _ | | SDG No.: | 205061509 | |
| Matrix: (soil | / water) | Water | Lab S | ample ID: | 20506150922 | | | |
| Level: (low | / med) _ | | Date F | Received: | 06/17/05 | | · - | |
| % Solids: _ | | _ | | | | | | |
| Concentrati | ion Units (ı | ug/L or mg/kg dry weig | ht): ug/L | | | | | |

| CAS No. | Analyte | Concentration | C | Q | М | |
|-----------|-----------|---------------|--------|------|----|-----|
| 7429-90-5 | Aluminum | 17600 | ······ | E | Р | 丁丁 |
| 7440-36-0 | Antimony | 14.6 | В | | Р | 1 |
| 7440-38-2 | Arsenic | 6.8 | В | | Р | 7 |
| 7440-39-3 | Barium | 364 | | | P | 1 |
| 7440-41-7 | Beryllium | 0.8 | В | | Р | 1 |
| 7440-43-9 | Cadmium | 0.1 | U | | Р | 7 |
| 7440-70-2 | Calcium | 277000 | | E | Р | 1丁 |
| 7440-47-3 | Chromium | 34.4 | | | Р | 7 |
| 7440-48-4 | Cobalt | 16.4 | В | | Р | 7 |
| 7440-50-8 | Copper | 41.5 | | E | Р | 구 |
| 7439-89-6 | Iron | 45400 | | E | Р | 13 |
| 7439-92-1 | Lead | 20.7 | | | Р | 7 |
| 7439-95-4 | Magnesium | 73800 | | E | Р | 丁 |
| 7439-96-5 | Manganese | 1300 | | E | Р | 子 |
| 7439-97-6 | Mercury | 0.1 | U | | AV | 1 |
| 7440-02-0 | Nickel | 17.8 | В | | Р | 1 |
| 7440-09-7 | Potassium | 8380 | | - حر | Р | 1 |
| 7782-49-2 | Selenium | 3.5 | U | N | Р | 18 |
| 7440-22-4 | Silver | 1.1 | U | | Р | 1 |
| 7440-23-5 | Sodium | 34700 | | E | Р | 」 フ |
| 7440-28-0 | Thallium | 4.1 | Ū | N | Р | us |
| 7440-62-2 | Vanadium | 38.0 | В | E | P | 1 |
| 7440-66-6 | Zinc | 128 | | | Р | 1 ~ |
| 57-12-5 | Cyanide | 0.6 | U | | AS | 1 |

9/13/25 min

| Color Before: | LT.BROWN | Clarity Before: | CLEAR | Texture: | |
|---------------|----------|-----------------|-------|------------|-------------|
| Color After: | LT.BROWN | Clarity After: | CLEAR | Artifacts: | |
| Comments: | | | | | |

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EPA SAMPLE NO.

| INORGANIC | ANALYSIS | DATA | SHEET |
|-----------|----------|------|-------|
|-----------|----------|------|-------|

| SKGW6 | 1044 | WIGG/ |
|-------|------|-------|
| | | |

| | | | | SKC | 3W60-1014 (DISS) | |
|------------------------|-----------------------------|--------------------------|----------------------|----------------|--|--|
| Lab Name: G | CAL | Contra | act: | | | |
| Lab Code: LA | 024 Case No.: | SAS N | lo.: | SDG | No.: 205061509 | |
| Matric (soil / w | ater) Water | Lab San | nple ID: 20506 | i150927 | | |
| Level: (low / ma | ed) | | | - | | |
| | | Date Re | ceived: <u>06/17</u> | /05 | | |
| % Solide: | | | | | | |
| Concentration | Units (ug/L or mg/kg dry we | ight): ug/L | | | | |
| CAS No. | Analyte | Concentration | С | Q | M | |
| 7429-90-5 | Aluminum | 50.4 | В | | Р | |
| 7440-36-0 | Antimony | 4.00 | υ | | Р | |
| 7440-38-2 | Arsenic | 4.5 | В | N | P P | |
| 7440-39-3 | Barium | 18.7 | В | | P | |
| 7440-41-7 | Beryllium | 0.1 | U | | P | |
| 7440-43-0 | Cadmium | 0.1 | U | | P | |
| 7440-70-2 7440-47-3 | Calcium Chromium | 137000 5.1 | В | = | P | |
| 7440-47-3 7440-48-4 | Cobelt | 0.6 | Ü | | P | |
| 7440-50-8 | Copper | 0.6 | Ü | | | |
| 7439-89-6 | Iron | 10.5 | U | ···· | | |
| 7 439-9 2-1 | Leed | 1,4 | Ü | | | |
| 7439-95-4 | Magnesium | 30100 | | _ | | |
| 7439-96-5 | Manganese | 0.9 | В | | P | |
| 7439-97-6 | Mercury | 0.1 | Ü | | AV | |
| 7440-02-0 | Nickel | 0.4 | U | | P | |
| 7440-09-7 | Potaesium | 6810 | | - | P | |
| 7782-49-2 | Selenium | 3.5 | υ | N | P US | |
| 7440-22-4 | Silver | 1.1 | U | | Р | |
| 7440-23-5 | Sodium | 20300 | | | P | |
| 7440-28-0 | Thelium | 4.1 | U | | Р | |
| 7440-62-2 | Vanadium | 11.3 | В | | Р | |
| 7440-66-6 | Zinc | 9.9 | 8 | | Р | |
| | | | | | alula | |
| Color Before: | COLORLESS | Clarity Before: <u>C</u> | LEAR | Textu | re: | |
| Color After | COLODI ESS | Clark, After C | LEAD | A -425- | -1 | |

FORM 1 - IN

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

| SKGW58-1014 (DISS) | |
|--------------------|--|
| | |

| Lab Name: GCAL | Contract: | | |
|--|----------------------------|----------|-----------|
| Lab Code: LA024 Case No.: | SAS No.: | SDG No.: | 205061509 |
| Matrix: (soil / water) Water | Lab Sample ID: 20506150928 | | |
| Level: (low / med) | Date Received: 06/17/05 | | |
| % Solids: | | | |
| Concentration Units (ug/L or mg/kg dry weight): ug/L | | | |

| CAS No. | Analyte | Concentration | С | Q | М |
|-----------|-----------|---------------|---|---|----|
| 7429-90-5 | Aluminum | 16.4 | U | | Р |
| 7440-36-0 | Antimony | 4.00 | U | | P |
| 7440-38-2 | Arsenic | 3.8 | U | N | Р |
| 7440-39-3 | Barium | 151 | В | , | Р |
| 7440-41-7 | Beryllium | 0.1 | Ü | | Р |
| 7440-43-9 | Cadmium | 0.1 | U | | Р |
| 7440-70-2 | Calcium | 114000 | | | Р |
| 7440-47-3 | Chromium | 0.8 | U | | Р |
| 7440-48-4 | Cobalt | 0.6 | Ü | | Р |
| 7440-50-8 | Copper | 0.7 | U | | Р |
| 7439-89-6 | Iron | 10.5 | υ | | Р |
| 7439-92-1 | Lead | 1.4 | U | | Р |
| 7439-95-4 | Magnesium | 34500 | | | Р |
| 7439-96-5 | Manganese | 84.7 | | | Р |
| 7439-97-6 | Mercury | 0.1 | U | | AV |
| 7440-02-0 | Nickel | 0.4 | U | | Р |
| 7440-09-7 | Potassium | 4110 | В | | Р |
| 7782-49-2 | Selenium | 3.5 | U | N | Р |
| 7440-22-4 | Silver | 1.1 | U | | P |
| 7440-23-5 | Sodium | 30600 | | | Р |
| 7440-28-0 | Thallium | 4.1 | U | | Р |
| 7440-62-2 | Vanadium | 11.7 | В | | Р |
| 7440-66-6 | Zinc | 10.1 | В | | P |

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9/13/25 mm

| Color Before: | COLORLESS | Clarity Before: | CLEAR | Texture: | |
|---------------|-----------|-----------------|-------|------------|--|
| Color After: | COLORLESS | Clarity After: | CLEAR | Artifacts: | |
| Comments: | | | | | |

Lab use only

4342

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.

205061509

Earth Tech 7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402 Phone 225.769.4900 • Fax 225.767.5717 Client Name Workorder # **Due Date** Billto Report to: Lab use only: Analytical Requests & Method Client: Glenn Springs **Custody Seal** Client: EARTH ☐ no Address: Contract used Hebron Ry 41048 Contact: Temperature °C Phone: P.O. Number Project Name/Number SKINNER 54280.01 Sampled By: ROGER Lab ID D155 Date ergalpe Matrix1 Sample Description Preservatives Con-6/15 (2400) Remarks: x StGWO6R-1014-30 6-14-00 1515 Various x SKGW07R-1014 6-14-021-22-☐ 24-48 hrs. Turn Around Time: ☐ 3 days ☐ 1 week Standard ☐ Other Samples sent via fed Ex Standard Turnaround Received by: (Signature) Date: Time: 6-14-05 1300 Relinquished by: (Signature)
Fully 1429 4914 4460 Received by; (Signature) Date: Time: 6-1505 40U Relinquished by: (Signature) Received by: (Signature)

Date:

Time:

- PINK: CLIENT CANARY: LABORATORY WHITE: CLIENT FINAL REPORT

| TOTAL COAST ANALYTICAL LABORATORIS, INC. 7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402 Phone 228.769.4900 • Fax 228.767.5717 | Cilent Name | 934Z Client # | 205061509 Workorder # | 6-30-05 Due Date |
|--|-------------|-----------------------|--|---------------------|
| Address: 2373 Progress DR Hebron, KY 41049 Contact: Pat Higgins Contact: Phone: 859 - 442 - 2300 Phone: Fax: 859 - 442 - 231/ Fax: CO. Number Project Name/Number 54280.01 Skinner Landfill - 2 contact: Con | 13.65 | Analytical Requests & | Method Lab use only: Custody Seal used 2/9 in tact 1/9 Temperature *C | |
| ROSE Hutton Sample Description which Date (2400) $\frac{c}{m}$ Sample Description which Starts SkGW63-10/4 - 2 SkGW64-10/4 - 2 | | - X PCB' - X Total | -12 15 7(TCL) que Table 8 (- | |
| | | | for the | lan ist es |
| | | | | |
| Turn Around Time: 24-48 hrs. 3 days 1 w | 10-4 | | t via Fed Ex Turnaround | |

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services

CHAIN OF CUST DY RECORD

Lab use only 7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402 Phone 225.769.4900 • Fax 225.767.5717

Client Name

4342 | 205061509

| ſ | | | Re | por | t to: | : | | | | | Bi | illto | | | | _ | Δna | lydics | ıl Re | 71166 | te & | Meth | and | | 7 | Lab u | se only | : | | | |
|-----|--|----------------|----------------|-------------------|--|--------------|---------|---------------|-------------------------|----------------|--------------|---------------|--------------|--|--|----------------|---------------|--------|----------|-----------------|-----------|------------|--------|--------|--------------|-------------|--------------|---------|----------|----------|--------------|
| | Clie | nt: E F | IRTY | 1 - | TE | 4 | | | Clien | t: ⊆ [: | enn_ | Sor | zeńi | | 1 1 | ı | <u> ا</u> | | | 4 0 03 | | | | . 1 | İ | | stody S | | _ | | 1 |
| | Addres | s: 23 | 73 | Pro | 90 | 225 | DR | | Address | s:< | enn | ract | <u> </u> | | | | | | | | | | Ì | | ļ | | | | | | İ |
| Į | | He | وم طع | 'n. | L | 'Y 4 | F104 | 18 | | | | | | | | ĺ | | - 1 | 4 | ı | | ĺ | | | | | | | □ n | • | ł |
| l | Conta | ct: <u> P</u> | TF | \mathcal{H}_{I} | G | GIN- | 2 | | Contac | :t: | | | | | | } | | } | P | - } | | | | . } | 1 | Ten | nperatu | re °C _ | 3 | | |
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conditions contained in our most recent schedule of services.

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DATA VALIDATION REPORT

FOR

SKINNER LANDFILL SITE

EARTH TECH: PROJECT NUMBER 54280

LABORATORY REPORT NUMBER 205061709

PROJECT MANAGER: Ron Rolker

Date: October 10, 2005

Data Validator: Mark Kromis

LIST OF ACRONYMS

BFB Bromofluorobenzene CC Continuing Calibration

CCV Continuing Calibration Verification
CCB Continuing Calibration Blanks
CLP Contract Laboratory Program
CRDL Contract Required Detection Limit
DFTPP Decafluorotriphenylphosphine

GC/MS Gas Chromatograph/Mass Spectrometer

IC Initial Calibration

ICB Initial Calibration Blank
IDL Instrument Detection Limit
ICP Inductively Coupled Plasma
ICS Interference Check Sample
ICV Initial Calibration Verification

ILM Inorganic Analysis Multi-Media Multi-Concentration

INDAM Individual A Mixture INDBM Individual B Mixture mg/L milligrams per liter

MS/MSD Matrix Spike/Matrix Spike Duplicate
OLC Organic Analysis Low Concentration

OLM Organic Analysis Multi-Media Multi-Concentration

%D Percent Difference

% RSD Percent Relative Standard Deviation

PB Preparation Blanks
QC Quality Control
RF Response Factor

RPD Relative Percent Difference
RRF Relative Response Factor
SDG Sample Delivery Group
SOW Statement of Work

µg/L micrograms per liter

US EPA United States Environmental Protection Agency

VOC Volatile Organic Compounds VTSR Validated Time of Sample Receipt

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205061709 INORGANICS

Validation of the inorganics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2005, was conducted by Earth Tech using the National Functional Guidelines for Inorganic Data Review, (US EPA, February, 1994), as appropriate. The results were reported by GCAL under Sample Delivery Group (SDG) 205061709.

| GCAL# | Sample Description |
|-------------|-------------------------|
| 20506170901 | SKSW52-1014 |
| 20506170902 | SKSWFB-1014 |
| 20506170903 | SKGWEB-1014 |
| 20506170904 | SKSW52-1014 (DISS) |
| 20506170905 | SKSWFB-1014 (DISS) |
| 20506170906 | SKGWEB-1014 (DISS) |
| 20506170909 | SKSW50-1014 |
| 20506170910 | SKSW50-1014 MS |
| 20506170912 | SKSW50-1014 DUP |
| 20506170913 | SKSW50-1014 DUPE |
| 20506170914 | SKSWEB-1014 |
| 20506170915 | SKSW51-1014 |
| 20506170916 | SKSW50-1014 (DISS) |
| 20506170917 | SKSW50-1014 MS (DISS) |
| 20506170918 | SKSW50-1014 DUP (DISS) |
| 20506170919 | SKSW50-1014 DUPE (DISS) |
| 20506170920 | SKSWEB-1014 (DISS) |
| 20506170921 | SKSW51-1014 (DISS) |

INTRODUCTION

Analysis Multi-media Multi-concentration ILM04.1 Statement of Work (SOW). Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values maybe used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the inorganics data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. Calibration
 - A. Initial Calibration (IC)
 - B. Continuing Calibration (CC)
- 3. Blanks
- 4. Inductively Coupled Plasma (ICP) Interference Check Sample
- 5. Laboratory Control Sample (LCS)
- 6. Duplicate Analysis
- 7. Spike Sample Analysis
- 8. ICP Serial Dilution
- 9. System Performance
- 10. Documentation
- 11. Overall Assessment

1. HOLDING TIMES

All samples for inorganics analyses were analyzed within the 180-day holding time for preserved aqueous samples. Mercury analyses were conducted within the 28-day holding time for aqueous samples undergoing CLP protocol. Cyanide analyses were conducted within the 14-day holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. CALIBRATION

A. Initial Calibration

The percent recoveries for the Initial Calibration Verification (ICV) standard were within Quality Control (QC) limits for all constituents.

B. Continuing Calibration

The percent recoveries for the Continuing Calibration Verification (CCV) standard were within QC limits for all constituents.

3. BLANKS

The Initial Calibration Blank (ICB), Continuing Calibration Blanks (CCB) and Preparation Blanks (PB) were analyzed at the appropriate frequencies. No constituents were detected in the ICB, CCB, and PB blanks above the corresponding Contract Required Detection Limit (CRDL) with the exception of Selenium in the ICB, CCB#5, CCB#9 and Iron in the PB for the run dated 6/30/05. As per the National Functional Guidelines; sample results greater than the IDL but less than 5 times the amount found in any blank should be qualified as (U). If any analyte concentration in the PB is above the CRDL, the lowest concentration of that analyte in the associated samples must be 10 times the PB concentration. Otherwise, all samples associated with that blank should have been redigested and reanalyzed. Technically the samples should have been re-digested and re-analyzed for Selenium and Iron.

4. ICP INTERFERENCE CHECK SAMPLE

Results for the ICP analysis of the Interference Check Sample (ICS) solution AB were within 20% of the true value.

5. LABORATORY CONTROL SAMPLES

Recoveries were within the control limit (80-120%) for all constituents.

6. DUPLICATE ANALYSIS

The laboratory used sample SKSW50-1014 (total and dissolved fractions) for the duplicate sample. The Relative Percent Difference (RPD) between the sample and duplicate results for the total and dissolved fractions were within the acceptance criteria (<20%) for all target analytes.

7. SPIKE SAMPLE ANALYSIS

The laboratory used sample SKSW50-1014 (total and dissolved) for the matrix spike sample. The MS percent recoveries were within the acceptance criteria (75%-125%) with the exception of Selenium (0%) in the total and dissolved fractions. As per the National Functional Guidelines: if the percent recovery is less than 30% qualify detected results with "J" and non-detected results with "R".

8. ICP SERIAL DILUTION

As noted in the National Functional Guidelines: If the analyte concentration is at least 50 times above the IDL, its serial dilution analysis must then agree within 10% of the original determination after corrected for dilution. The serial dilution is performed to determine whether any significant chemical or physical interference's exist due to matrix effects. The serial dilution percent differences were within the acceptance criteria for all target analytes with the exception of Manganese associated with the total and dissolved fractions. As per the National Functional Guidelines, if the serial dilution criterion is not met then qualify the associated results for that analyte with "J".

9. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data.

10. DOCUMENTATION

The documentation submitted for review appeared accurate and in order with the exception of an "E" qualifier associated with the total results for Aluminum, Calcium, Iron, Copper, Magnesium, Potassium, Sodium, and Vanadium; a "N" qualifier associated with the total results for Thallium; and a "N" qualifier associated with the dissolved results for Arseinc. The laboratory qualified the results with an "E" and "N" because they were analyzed in conjunction with the ground water samples for SDG 205601509. The samples analyzed with SDG 205061709 are surface water samples therefore the data validator crossed out the "E" associated with Aluminum, Calcium, Iron, Copper, Magnesium, Potassium, Sodium, and Vanadium and the "N" qualifiers associated with the Thallium and Arsenic results for the surface water samples with a single line and dated and initialized the correction. The laboratory also failed to qualify the dissolved Manganese results with an "E" therefore the data validator manually made the correction.

11. OVERALL ASSESSMENT

The percent recoveries for Lead in the Contract Required Detection Limit (CRDL) standards analyzed on 6/30/05 were 98%, 80%, and 77%.

The percent recoveries for Nickel in the Contract Required Detection Limit (CRDL) standards analyzed on 6/30/05 were 80%, 78%, and 79%.

The percent recoveries for Selenium in the Contract Required Detection Limit (CRDL) standards analyzed on 6/30/05 were 116%, 122%, and 143%.

The percent recoveries for Zinc in the Contract Required Detection Limit (CRDL) standards analyzed on 6/30/05 were 109%, 136%, and 118%.

The percent recoveries for Lead in the Contract Required Detection Limit (CRDL) standards analyzed on 7/1/05 were 102%, 73%, and 78%.

The percent recoveries for Nickel in the Contract Required Detection Limit (CRDL) standards analyzed on 7/1/05 were 68%, 64%, and 65%.

If the CRDL is greater than 120% then detected results greater than the IDL but less than two times the CRDL are qualified as estimated with "J". If the CRDL is below 80% then detected results are qualified as estimated with "J" and the non-detected results were qualified with "UJ".

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205061709 SEMIVOLATILE ORGANICS

Validation of the Gas Chromatograph/Mass Spectrometer (GC/MS) semi-volatile organics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999) as appropriate. The results were reported by GCAL under SDG 205061709.

| GCAL# | Sample Description | | |
|-------------|--------------------|--|--|
| 20506170901 | SKSW52-1014 | | |
| 20506170902 | SKSWFB-1014 | | |
| 20506170903 | SKGWEB-1014 | | |
| 20506170909 | SKSW50-1014 | | |
| 20506170910 | SKSW50-1014 MS | | |
| 20506170911 | SKSW50-1014 MSD | | |
| 20506170913 | SKSW50-1014 DUPE | | |
| 20506170914 | SKSWEB-1014 | | |
| 20506170915 | SKSW51-1014 | | |

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Multi-Media, Multi-Concentration OLM04.2 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various data qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the semivolatile data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. GC/MS Tuning
- 3. Calibration
 - A. IC
 - B. CC
- 4. Blanks
- 5. System Monitoring Compound Recovery
- 6. MS/MSD
- 7. Internal Standards Performance
- 8. Compound Identification
- 9. Constituent Quantitation and Reported Detection Limits
- 10. System Performance
- 11. Documentation
- 12. Overall Assessment

1. HOLDING TIMES

All samples were initially extracted within the seven-day technical holding time and the five-day Validated Time of Sample Receipt (VTSR) method holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. GC/MS TUNING

The samples were analyzed on a single GC/MS system, identified as MSSV3. Two decafluorotriphenylphosphine (DFTPP) tunes were run representing the shift in which the standards and samples were analyzed. The DFTPP tunes are acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 7/14/05 was analyzed in support of the semivolatile sample analyses. Documentation of the IC was present in the data package, and the Relative Response Factor (RRF), as well as percent % RSD values were accurately reported for all target compounds. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all semi-volatile compounds. The RRF's and the average RRF were within the acceptance criteria specified in the method for all reported analytes.

B. Continuing Calibration

Two CC's dated 7/14/05 and 7/15/05 were analyzed in support of the semivolatile sample analyses reported in the data submissions. The RRF's for the CC's were within the acceptance criteria. The percent difference (%D) between the average RRF's and the CC Response Factors were within the acceptance criteria.

4. BLANKS

Two laboratory semivolatile method blanks, two equipment blanks, and a field blank were analyzed with this SDG. The results are summarized below.

Method Blank (MB250947)

Di-n-butylphthalate (0.949 ppb) and Bis-(2-ethylhexyl) phthalate (1.30 ppb) were detected in the blank extracted on 6/20/05.

Method Blank (MB251534)

Di-n-butylphthalate (0.970 ppb) and Bis-(2-ethylhexyl) phthalate (1.53 ppb) were detected in the blank extracted on 6/22/05.

Equipment Blank (SKSWEB-1014)

Diethylphthalate (0.548 ppb) was detected in the Equipment Blank associated with the samples that were collected on 6/17/05.

Equipment Blank (SKGWEB-1014)

Di-n-butylphthalate (6.02 ppb) and Bis-(2-ethylhexyl) phthalate (0.991 ppb) were detected in the Equipment Blank associated with the samples that were collected on 6/16/05. The result was mitigated by the presence of Di-n-butylphthalate and Bis-(2-ethylhexyl) phthalate in the associated extraction blank.

Field Blank (SKSWFB-1014)

Di-n-butylphthalate (0.970 ppb) was detected in the Field Blank associated with the samples that were collected on 6/16/05. The result was mitigated by the presence of Di-n-butylphthalate in the associated extraction blank.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported semivolatile system monitoring compounds (SMC) were recovered within acceptable control limits with the exception of 2-Fluorobiphenyl (130%), Phenol-d5 (3%), and 2,4,6-Tribromophenol associated with samples SKSW55-1014 MSD. As per the National Functional Guidelines, if the surrogate percent recovery is greater than the upper acceptance criteria qualify detected results for that fraction with "J". If the percent recovery is less than 10% qualify detected analytes for that fraction with "J" and non-detected results for that fraction with "R".

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD)

Sample SKSW50-1014 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria with the exception of 2,4-Dinitrotoluene, 4-Nitrophenol, N-Nitroso-di-n-propylamine associated with the MS. The %RPD between the MS/MSD are within the acceptance criteria with the exception of the %RPD associated with for 2,4-Dinitrotoluene, s-Chlorophenol, 4-Chloro-3-methylphenol, N-Nitroso-di-n-propylamine, Pentachlorophenol, Phenol, and Pyrene. As per the National Functional Guidelines, no action is taken on MS/MSD data alone.

7. INTERNAL STANDARDS PERFORMANCE

Internal standard (IS) areas were within acceptable limits for the reported semivolatile sample analyses with the exception of Acenaphthene-d10 (low) and Pyrene-d12 (low) associated with sample SKSW50-1014 MSD. Internal standard retention times were within acceptable limits for the reported semivolatile sample analyses. As per the National Functional Guidelines, if the IS area counts are low qualify detected results quantified using the IS with "J" and non-detected results quantified using the IS with "UJ"

8. COMPOUND IDENTIFICATION

All reported semivolatile constituents were correctly identified with supporting chromatograms present in the data package.

9. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for semivolatile constituents

10. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data submitted for review.

11. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

12. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.



DATA VALIDATION SUMMARY – SAMPLE DELIVERY GROUP 205061709 VOLATILE ORGANIC

Validation of the GC/MS volatile organics data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999). as appropriate. The results were reported by GCAL under SDG 205061709.

| GCAL# | Sample Description | | |
|-------------|--------------------|--|--|
| 20506170901 | SKSW52-1014 | | |
| 20506170902 | SKSWFB-1014 | | |
| 20506170903 | SKGWEB-1014 | | |
| 20506170907 | VHBLK | | |
| 20506170908 | TRIP BLANK | | |
| 20506170909 | SKSW50-1014 | | |
| 20506170910 | SKSW50-1014 MS | | |
| 20506170911 | SKSW50-1014 MSD | | |
| 20506170913 | SKSW50-1014 DUPE | | |
| 20506170914 | SKSWEB-1014 | | |
| 20506170915 | SKSW51-1014 | | |
| 20506170922 | TRIP BLANK | | |

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Low Concentration OLC02.0 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. The laboratory to denote specific information regarding the analytical results uses various qualifier codes. The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

- U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

The volatiles data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. GC/MS Tuning
- 3. Calibration
 - A. IC
 - B. CC
- 4. Blanks
- 5. System Monitoring Compound Recovery
- 6. MS/MSD
- 7. Laboratory Control Sample
- 8. Internal Standards Performance
- 9. Compound Identification
- 10. Constituent Quantitation and Reported Detection Limits
- 11. System Performance
- 12. Documentation
- 13. Overall Assessment

1. HOLDING TIMES

All samples for Volatile Organic Compounds (VOC) analyses were analyzed within the 14-day technical holding time and the 10-day VTSR method holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of 4°C +/- 2°C.

2. GC/MS TUNING

The samples were analyzed on one GC MS system, identified as MSV4. Two bromofluorobenzene (BFB) tunes were run on MSV4. The BFB tunes are acceptable.

3. CALIBRATION

A. Initial Calibration

One IC dated 6/22/05 was analyzed on instrument MSV4 in support of the volatile sample analyses reported in the data submissions. Documentation of the IC standards is present in the data package, and RRF's as well as %RSD values were accurately reported. The criteria employed for technical data review purposes are different than those used in the method. The laboratory must meet a minimum RRF of 0.01; however, for data review purposes, a RRF criterion of "greater than or equal to 0.05" is applied to all volatile compounds.

The RRF's and the average RRF for the IC's dated 6/22/05 were within the acceptance criteria specified in the method for all target compounds with the exception of Acetone and 2-Butanone. As per the National Functional Guidelines, if any initial calibration RRF is less than 0.05, qualify positive results that have acceptable mass spectral identification with "J", using professional judgment, and non-detected analytes as unusable (R). It should be noted that the laboratory did meet the minimum RRF of 0.01 for all target compounds.

The %RSD's were within the acceptance criteria specified in the method for all target analytes with the exception of 1,2,4-Trichlorobenzene. As per the National Functional Guidelines, if the %RSD is greater than 30% then qualify the associated detected results for that compound(s) with "J".

B. Continuing Calibration

One CC dated 6/24/05 was analyzed on instrument MSV4 in support of the volatile sample analyses reported in the data submissions. The percent difference (%D) between the average RRF's and the CC RF's were within the acceptance criteria for all target compounds.

The CC RRF's for the CC dated 6'24'05 were within the acceptance criteria specified in the method for all target compounds with the exception of Acetone. The Acetone results were previously qualified under section 3A above.

4. BLANKS

One laboratory volatile method blank, storage blank, two Equipment blanks, a Field Blank and two Trip Blanks were analyzed with this SDG. The results are summarized below.

MB251570

Methylene chloride (0.048 ppb) was detected in the method blank analyzed on 6/24/05.

Storage Blank (VHBLK)

There were no target compounds detected in the Storage Blank analyzed on 6/24/05.

Equipment Blank (SKSWEB-1014)

Methylene chloride (0.12 ppb) was detected in the Equipment Blank associated with the samples that were collected on 6/17/05. The result was mitigated by the presence of Methylene chloride in the associated Method Blank.

Equipment Blank (SKGWEB-1014)

Methylene chloride (0.14 ppb) was detected in the Equipment Blank associated with the samples that were collected on 6/16/05. The result was mitigated by the presence of Methylene chloride in the associated Method Blank.

Field Blank (SKSWFB-1014)

Methylene chloride (0.11 ppb) was detected in the Field Blank associated with the samples that were collected on 6/16/05. The result was mitigated by the presence of Methylene chloride in the associated Method Blank.

Trip Blank

Methylene chloride (0.12 ppb) was detected in the Trip Blank associated with the samples that were collected on 6/16/05. The result was mitigated by the presence of Methylene chloride in the associated Method Blank.

Trip Blank

Methylene chloride (0.10 ppb) was detected in the Trip Blank associated with the samples that were collected on 6/20/05. The result was mitigated by the presence of Methylene chloride in the associated Method Blank.

5. SYSTEM MONITORING COMPOUND RECOVERY

All reported volatile system monitoring compounds were recovered within acceptable control limits (80%-120%) for all samples.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SKGW58-1014 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria.

7. LABORATORY CONTROL SAMPLE

Two Laboratory Control Samples were analyzed in conjunction with this SDG. Recoveries were within the control limit for all constituents.

8. INTERNAL STANDARDS PERFORMANCE

Internal Standard (IS) areas and retention times were within acceptable limits for the reported volatile sample analyses.

9. COMPOUND IDENTIFICATION

All reported VOCs were correctly identified with supporting chromatograms present in the data package.

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for VOCs.

11. SYSTEM PERFORMANCE

The analytical system appears to have been working well at the time of these analyses, based on the evaluation of the raw data.

12. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

13. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.

DATA VALIDATION SUMMARY - SAMPLE DELIVERY GROUP 205061709 PESTICIDES

Validation of the Gas Chromatography (GC) pesticides data, as prepared by Gulf Coast Analytical Laboratories (GCAL) for the samples collected from the Skinner Landfill site in June 2005, was conducted by Earth Tech using the National Functional Guidelines for Organic Data Review, (US EPA, October, 1999), as appropriate. The results were reported by GCAL under SDG 205061709.

| GCAL# | Sample Description |
|-------------|--------------------|
| 20506170901 | SKSW52-1014 |
| 20506170902 | SKSWFB-1014 |
| 20506170903 | SKGWEB-1014 |
| 20506170909 | SKSW50-1014 |
| 20506170910 | SKSW50-1014 MS |
| 20506170911 | SKSW50-1014 MSD |
| 20506170913 | SKSW50-1014 DUPE |
| 20506170914 | SKSWEB-1014 |
| 20506170915 | SKSW51-1014 |
| 20506170923 | SKSW52-1014 RE |
| 20506170924 | SKSWFB-1014 RE |
| 20506170925 | SKGWEB-1014 RE |

INTRODUCTION

Analyses were performed according to CLP-Organic Analysis Multi-Media, Multi-Concentration OLM04.2 SOW. Results of the sample analyses are reported by the laboratory as either qualified or unqualified. Unqualified results mean that the reported values may be used without reservation. Various qualifier codes are used by the laboratory to denote specific information regarding the analytical results.

The data validation process is intended to evaluate the data on a technical basis. The data package also was subjected to an internal laboratory quality review prior to submission to Earth Tech for data validation.

During the validation process, laboratory-qualified and unqualified data are verified against all available supporting documentation. Based on this evaluation, qualifier codes may be added, deleted or modified by the data user. Final results are therefore, either qualified or unqualified. Validator-qualified results are annotated with the following codes in accordance with the Functional Guidelines:

U The constituent was analyzed for, but was not detected above the level of the associated analytical reporting limit. The associated value is either the sample quantitation limit or the sample detection limit.

- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Details of the pesticide data validation findings and conclusions are provided in the following sections of this report:

- 1. Holding Times
- 2. Gas Chromatograph/Electronic Capture Detector (GC/ECD) Instrument Performance Check
- 3. IC
- 4. Calibration Verification
- 5. Blanks
- 6. Surrogate Spikes
- 7. Matrix Spike Matrix Spike Duplicate (MS MSD)
- 8. Pesticide Cleanup Checks
- 9. Target Compound Identification
- 10. Constituent Quantitation and Reported Detection Limits
- 11. Documentation
- 12. Overall Assessment

1. HOLDING TIMES

All samples were originally extracted within the seven-day technical holding time and the five-day VTSR method holding time. The cooler temperature upon receipt at the laboratory was within the recommended temperature of $4^{\circ}C + 2^{\circ}C$. The samples were re-extracted outside of the technical and VSTR method holding times.

As per the National Functional Guidelines, if technical holding times are exceeded, qualify all detected compound results as estimated "J" and sample quantitation limits as estimated "UJ".

2. GC/ECD INSTRUMENT PERFORMANCE CHECK

The Performance Evaluation Mixture (PEM) was analyzed at the correct frequency. Absolute retention times were within limits.

The percent resolution between adjacent peaks was within QC limits for the Pesticide Analyte Resolution Check. The percent resolution between adjacent peaks is within QC limits for the Performance Evaluation Mixtures (PEM). The percent breakdown for both 4,4'-DDT and Endrin in each PEM was less than 20.0% for both GC columns. The combined percent breakdown for 4,4'-DDT and Endrin in each PEM was less than 30.0% for both GC columns.

3. INITIAL CALIBRATION

Individual standard mixtures A and B were analyzed at the correct frequencies and concentrations. The percent resolution criterion for Individual standard mixtures A and B were within the acceptance criteria.

The Percent Relative Standard Deviation (%RSD) of the calibration factors for each of the single component pesticides was less than 20% with the exception of alpha-BHC (25.0%) and gamma-BHC (22.9%) associated with the samples analyzed on 6/28/05 (RTX-XLB). The multi-component target compounds were analyzed separately on both columns at a single concentration level. Retention times were determined from a minimum of three peaks. As per the National Functional Guidelines, up to two single component target pesticides (other than the surrogates) per column may exceed the 20% limit but the %RSD must be less than 30.0%.

4. CALIBRATION VERIFICATION

Absolute retention times were within appropriate time retention windows. The percent difference for each of the pesticides and surrogates in the PEM's were within the acceptance criteria of ± 25.0 percent for the calibration dated 6/24/05 on column RTX-35MS.

The percent difference for each of the pesticides and surrogates in the PEM's were within the acceptance criteria of ±25.0 percent with the exception of Endrin (26%) for the calibration dated 6/29/05 (1542) on column RTX-XLB.

The percent difference for each of the pesticides and surrogates in the midpoint concentration of the Individual Standard Mixtures A and B was within the acceptance criteria of ±25.0 percent with the exception of alpha-BHC (40%) associated with INDAM02 analyzed on 6/29/05 at 1902.

As per the National Functional Guidelines, if the percent difference is greater than 25 percent for the compound(s) being quantified, qualify all associated detected results with "J" and non-detects with "UJ".

5. BLANKS

Three laboratory method blanks, two equipment blanks, and a field blank were analyzed with this SDG. The results are summarized below.

Method Blank 250946

Toxaphene was detected at a concentration of 0.384 ppb in Method Blank 250946. This blank corresponds to all samples extracted on 6/20/05.

Method Blank 252189

No constituents were detected above the laboratory-reporting limit. This blank corresponds to all samples extracted on 6/24/05.

Method Blank 255653

No constituents were detected above the laboratory-reporting limit. This blank corresponds to all samples extracted on 6/24/05.

Equipment Blank (SKSWEB-1014)

No constituents were detected above the laboratory-reporting limit in the Equipment Blank associated with the samples that were collected on 6/17/05.

Equipment Blank (SKGWEB-1014)

No constituents were detected above the laboratory-reporting limit in the Equipment Blank associated with the samples that were collected on 6/16/05.

Field Blank (SKSWFB-1014)

No constituents were detected above the laboratory-reporting limit in the Field Blank associated with the samples that were collected on 6/16/05.

6. SURROGATE SPIKES

Decachlorobiphenyl (DCB) and tetrachloro-m-xylene (TCX) surrogate spike recoveries were within the acceptance criteria (30% - 150%) for all samples except as follows:

 Sample ID
 TCX (%)
 DCM (%)

 Method Blank 250946
 31.47
 28/30

As per the National Functional Guidelines, if the surrogate(s) recoveries are between 10 and 30 percent then qualify detected compounds with "J" and non-detected compounds with "UJ".

7. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample SKSW50-1014 was submitted for MS/MSD analysis. The MS/MSD percent recoveries were within the acceptance criteria.

8. PESTICIDE CLEANUP CHECKS

Recoveries of all pesticides and surrogates were within 80-120% for the lot of Florisil cartridges utilized for pesticide cleanup.

9. TARGET COMPOUND IDENTIFICATION

All reported pesticide data were correctly identified with supporting chromatograms present in the data package.

10. CONSTITUENT QUANTITATION AND REPORTED DETECTION LIMITS

Constituent quantitations were correctly calculated and reported for pesticide constituents.

11. DOCUMENTATION

The documentation submitted for review appeared accurate and in order.

12. OVERALL ASSESSMENT

The results are acceptable with the validator-added qualifiers.



REFERENCES

US EPA, 1994. National Functional Guidelines for Inorganic Data Review.

US EPA, 1999. National Functional Guidelines for Organic Data Review.



ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 07/19/2005

GCAL Report 205061709

Deliver To Earth Tech 2373 Progress St Hebron, KY 41048 859-442-2300

Attn Pat Higgins

Customer Earth Tech

Project Skinner Landfill

000001

CASE NARRATIVE

Client: Earth Tech Report: 205061709

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

SEMIVOLATILE MASS SPECTROMETRY

In the CLP-OLM04.2 Semivolatile analysis, the MS 20506170910 (SKSW-50-1014-MS) for prep batch 294063 had several surrogate, spike and MS/MSD RPD recoveries outside of control limits. The sample was re-analyzed several times with internal standards out. This is attributed to a matrix interference in the sample.

In the CLP-OLM04.2 Semivolatile analysis, the recovery for 4-Nitrophenol was slightly above OC limits in the MSD, and the RPD for Pyrene was exceeded.

SEMIVOLATILE GAS CHROMATOGRAPHY

In the CLP-OLM 04.2 Pesticide/PCB analysis, the surrogate recovery for Decachlorobiphenyl was outside of advisory limits for MB 250946 as indicated on Form II. In batch 295010, the matrix spike recovery for gamma-BHC was outside QC limits.

In the CLP-OLM 04.2 Pesticide/PCB analysis, 250946 MB had Toxaphene present at 0.384 ug/L which was below the CRDL. All samples were re-extracted to verify Toxaphene was attributed to laboratory contamination. Both sets of data are being included in the report.

METALS

Dissolved Chromium was greater than Total Chromium in samples 20506170915 (SKSW51-1014) and 20506170921 (SKSW51-1014 (DISS)). This is attributed to separate aliquots of sample.

In the ILM04.1 - CLP Metals analysis, the MS recoveries were outside the control limits for Arsenic and Selenium for prep batch 293860, for Selenium and Thallium for prep batch 293859 and for Selenium for prep batch 294084. The LCS recoveries were within the control limits. This indicates the analysis is in control and the sample is affected by matrix interference.

The MS recovery is not applicable for Aluminum and Iron for prep batch 293859 because the sample concentration is greater than four times the spike concentration.

In the ILM04.1 - CLP Metals analysis the Sample/Duplicate RPDs for Chromium and

Zinc for prep batch 293860, for Arsenic, Copper, Aluminum, Manganese for prep batch 294084 are not applicable because the sample and/or duplicate concentrations are less than five times the reporting limit.

In the ILM04.1 CLP Cyanide analysis the Sample/Duplicate RPD for Cyanide, Total for prep batch 294046 is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

In the ILM04.1 - CLP Metals analysis, Aluminum, Calcium, Copper, Iron, Magnesium, Manganese, Potassium, Sodium, and Vanadium for prep batch 293859 and Manganese for prep batch 294084 are flagged as estimated for samples associated with these batches due to the fact that the percent difference between the original sample results and the serial dilution result is greater than 10. A chemical or physical interference is suspected.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND Indicates the result was Not Detected at the specified RDL

DO Indicates the result was Diluted Out

Indicates the result was subject to Matrix Interference
Indicates the result was Too Numerous To Count

SUBC Indicates the analysis was Sub-Contracted

FLD Indicates the analysis was performed in the Field

PQL Practical Quantitation Limit
MDL Method Detection Limit
RDL Reporting Detection Limit

00:00 Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J Indicates an estimated value

U Indicates the compound was analyzed for but not detected

B (ORGANICS) Indicates the analyte was detected in the associated Method Blank

B (INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

CURTIS EKKER

DATA VALIDATION MANAGER

GCAL REPORT 205061709

THIS REPORT CONTAINS 80/ PAGES.

Report Sample Summary

| GCAL ID | Client ID | Matrix | Collect Date/Time | Receive Date/Time |
|-------------|-------------------------|--------|-------------------|-------------------|
| 20506170901 | SKSW52-1014 | Water | 06/16/2005 14:30 | 06/17/2005 10:20 |
| 20506170902 | SKSWFB-1014 | Water | 06/16/2005 15:15 | 06/17/2005 10:20 |
| 20506170903 | SKGWEB-1014 | Water | 06/16/2005 11:30 | 06/17/2005 10:20 |
| 20506170904 | SKSW52-1014 (DISS) | Water | 06/16/2005 14:30 | 06/17/2005 10:20 |
| 20506170905 | SKSWFB-1014 (DISS) | Water | 06/16/2005 15:15 | 06/17/2005 10:20 |
| 20506170906 | SKGWEB-1014 (DISS) | Water | 06/16/2005 11:30 | 06/17/2005 10:20 |
| 20506170907 | VHBLK | Water | | 06/17/2005 10:20 |
| 20506170908 | TRIP BLANK | Water | 06/16/2005 00:00 | 06/17/2005 10:20 |
| 20506170909 | SKSW50-1014 | Water | 06/20/2005 11:35 | 06/21/2005 08:48 |
| 20506170910 | SKSW50-1014-MS | Water | 06/20/2005 12:00 | 06/21/2005 08:48 |
| 20506170911 | SKSW50-1014-MSD | Water | 06/20/2005 12:25 | 06/21/2005 08:48 |
| 20506170912 | SKSW50-1014-DUP | Water | 06/20/2005 12:25 | 06/21/2005 08:48 |
| 20506170913 | SKSW51-1014-DUPE | Water | 06/20/2005 10:50 | 06/21/2005 08:48 |
| 20506170914 | SKSWEB-1014 | Water | 06/20/2005 14:10 | 06/21/2005 08:48 |
| 20506170915 | SKSW51-1014 | Water | 06/20/2005 10:20 | 06/21/2005 08:48 |
| 20506170916 | SKSW50-1014 (DISS) | Water | 06/20/2005 11:35 | 06/21/2005 08:48 |
| 20506170917 | SKSW50-1014-MS (DISS) | Water | 06/20/2005 12:00 | 06/21/2005 08:48 |
| 20506170918 | SKSW50-1014-DUP (DISS) | Water | 06/20/2005 12:00 | 06/21/2005 08:48 |
| 20506170919 | SKSW51-1014-DUPE (DISS) | Water | 06/20/2005 10:50 | 06/21/2005 08:48 |
| 20506170920 | SKSWEB-1014 (DISS) | Water | 06/20/2005 14:10 | 06/21/2005 08:48 |
| 20506170921 | SKSW51-1014 (DISS) | Water | 06/20/2005 10:20 | 06/21/2005 08:48 |
| 20506170922 | TRIP BLANK | Water | | 06/21/2005 08:48 |
| 20506170923 | SKSW52-1014 RE | Water | 06/16/2005 14:30 | 06/17/2005 10:20 |
| 20506170924 | SKSWFB RE | Water | 06/16/2005 15:15 | 06/17/2005 10:20 |
| 20506170925 | SKSWEB RE | Water | 06/16/2005 11:30 | 06/17/2005 10:20 |

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

| CALED | - | |
|-------|---|----|
| | - | м. |
| | | |

| SKSW52-1014 | |
|-------------|--|
| | |

| Lab Name: GC/ | AL Contract: | | | | | |
|------------------------|---------------------------|------------------|--------------|--------------|---------------|--------------|
| ab Code: LA02 | 24 Case No.: | SAS No.: | SD | G No.: 20506 | 1709 | |
| Astrix (soil/water) | Water | | | | | |
| Sample wWot: _2 | 25 (g/ml) ml. | Lab Samole ID: | 20506170901 | | | |
| .evet: (low/med) | | Lab File ID: 20 | 50624P/U4259 | | | |
| • | | Data Callandadi | DE ME DE | Time 1 | 120 | |
| 6 Maisture: not de | | Dame Confection. | 06/16/05 | Time: _14 | 130 | |
| SC Column: DB | -624-30M ID: .53 (mm) | Date Received: | 06/17/05 | | | |
| nstrument ID: M | ISV4 | Date Analyzed: | 06/24/05 | Time: 10 | B12 | |
| Soil Extract Volum | e:(µL) | Dilution Factor | 1 | Analyst: | RSP | |
| | | Prep Batch: | | _ | Batch: 294076 | |
| Sail Aliquot Valum | «(μL) | • | | | 25-1076 | _ |
| CONCENTRATI | ION UNITS: ug/L | Analytical Metho | d: OLCO 2.1 | - | | |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL | |
| 71-65-6 | 1,1,1-Trichloroethene | 1.0 | U | 0.010 | 1.0 | 7 |
| 79-34-5 | 1,1,2,2-Tetrachioroethene | 10 | U | 0.010 | 1.0 | 7 |
| 79-00-5 | 1,1,2-Trichlorosthane | 10 | U | 0.010 | 1.0 | 7 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 0.010 | 1.0 | |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 0.010 | 1.0 | 7 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 10 | U | 0.010 | 1.0 | 7 |
| 106-93-4 | 1,2-Dibromosthane | 10 | U | 0.010 | 1.0 | 7 |
| 95-50-1 | 1,2-Dichlorobenzene | • 6 | U | 0.010 | 1.0 | _ |
| 107-06-2 | 1,2-Dichloroshane | 10 | U | 0.010 | 1.0 | 7 |
| 540-59-0 | 1,2-Dichlorosthene | • 5 | U | 0.010 | 1.0 | 7 |
| 78-87-5 | 1,2-Dichloropropene | -) | U | 0.010 | 1.0 | 7 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.5 | Ü | 0.010 | 1.0 | 7 |
| 106-46-7 | 1,4-Dichlorobenzene | 10 | U | 0.010 | 1.0 | ٦. |
| 78-93-3 | 2-Butanone | 5.0 | U | 0.010 | 5.0 | ٦ <i>۴</i> |
| 591-78-6 | 2-Hexanone | 5.0 | U | 0.010 | 5.0 | 7 |
| 106-10-1 | 4-Methyl-2-pentanone | 5.0 | U | 0.010 | 5.0 | 7 |
| 67-64-1 | Acetone | 5.0 | U | 0.010 | 5.0 | _ ૧ |
| 71-43-2 | Benzene | .) | U | 0.010 | 1.0 | 7 |
| 75-27-4 | Bromodichloromethane | 7.0 | U | 0.010 | 1.0 | 7 |
| 75-25-2 | Bramaform | • 0 | U | 0.010 | 1.0 | 7 |
| 74-83-9 | Bromomethane | 1) | υ | 0.010 | 1.0 | |
| 75-15-0 | Carbon disulfide | •) | U | 0.010 | 1.0 | 7 |
| 56-23-5 | Carbon tetrachloride | 1.) | U | 0.010 | 1.0 | 7 |
| 108-90-7 | Chlorobenzene | 1) | U | 0.010 | 1.0 | 7 |
| 75-00-3 | Chloroethane | ٠) | U | 0.010 | 1.0 | 7 |
| 67-86-3 | Chloroform | 1.3 | U | 0.010 | 1.0 | 7 |
| 74-87-3 | Chloromethane | 1.0 | U | 0.010 | 1.0 | _ |
| 124-48-1 | Dibramochioramethene | • 3 | U | 0.010 | 1.0 | 7 |
| 10061-01-5 | cis-1,3-Dichloropropene | • 3 | U | 0.010 | 1.0 | - |
| 10061-02-6 | trans-1,3-Dichloropropene | + 5 | U | 0.010 | 1.0 | 7 |
| 100-41-4 | Ethylbenzene | ٠ ٦ | U | 0.010 | 1.0 | - |
| | | | | | | |

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1A VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKSW52-1014

| Lab Name: GCAL Con | ntract: | · | | | |
|-------------------------------|---------------|-------------------|-------------|---------------|-------------------|
| Lab Code: LA024 Case No.: | | SAS No.: | < | SDG No.: 2050 | 061709 |
| Matrix: (soil/water) Water | | | | | |
| Sample wt/vol: 25 (g/ml) mL | | Lab Sample ID: | 2050617090 | 1 | |
| Level: (low/med) | | Lab File ID: 205 | 50624P/U425 | 9 | |
| % Moisture: not dec. | | Date Collected: | 06/16/05 | Time: | 1430 |
| GC Column: DB-624-30M ID: .53 | (mm) | Date Received: | 06/17/05 | | |
| Instrument ID: MSV4 | | Date Analyzed: | 06/24/05 | Time: | 1612 |
| Soil Extract Volume: | (µL) | Dilution Factor: | 1 | Analys | : RSP |
| Soil Aliquot Volume: | (µL) | Prep Batch: | | Analytic | cal Batch: 294076 |
| CONCENTRATION UNITS: ug/L | - | Analytical Method | : OLCO 2.1 | <u> </u> | |
| CAS NO. COMPOUND | | RESULT | Q | MDL | RL |
| 75-09-2 Methylene chloride | | 2.0 | U | 0.010 | 2.0 |
| 100-42-5 Styrene | | 1.0 | U | 0.010 | 1.0 |
| 127-18-4 Tetrachloroethene | - | 1.0 | U | 0.010 | 1.0 |
| 108-88-3 Toluene | | 1.0 | U | 0.010 | 1.0 |
| 79-01-6 Trichloroethene | | 1.0 | U | 0.010 | 1.0 |
| 75-01-4 Vinyl chloride | | 1.0 | U | 0.010 | 1.0 |
| 1330-20-7 Xylene (total) | | 1.0 | U | 0.010 | 1.0 |

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SKSW52-1014 Lab Name: GCAL Contract Lab Code: LA024 Case No.: SAS No.: SDG No.: 205061709 Matrix Water Lab Sample ID: 20506170901 Sample wt/vol: Units: Lab File ID: 2050624P/U4259 Level: (low/med) Date Collected: 06/16/05 Time: 1430 % Moisture: not dec. Date Received: 06/17/05 GC Column: RTX-624-30 ID: .53 (mm) Date Analyzed: 06/24/05 Time: 1612 Dilution Factor: 1 Analyst: RJO Instrument ID: MSV4 Soil Extract Volume: _____ (µL) Soil Aliquot Volume: _____ (µL) Number TICs Found: 0 **CONCENTRATION UNITS:** CAS NO. COMPOUND RT EST. CONC. Q

No fice detected

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

| Lab Name: GC/ | AL Contract: | | | | | |
|-----------------------|---------------------------|-------------------|------------------|-----------------|---------------|----|
| ab Code: LA02 | 24 Case No.: | SAS No.: | | SDG No.: 205061 | 709 | |
| vlatrix: (soil/water) | Water | | | | | |
| Sample wt/vol: | 25 (g/ml) mL | Lab Sample ID: | 2050617090 | 9 | | |
| _evel: (low/med) | | Lab File ID: 205 | 60624P/U425 | 7 | | |
| % Moisture: not de | | Date Collected: | 06/20/05 | Time: 11 | 35 | |
| | | 1 | ,,,,, | | | |
| oc Column. DB | -624-30M ID: .53 (mm) | | | | ···· | |
| nstrument ID: N | ISV4 | Date Analyzed: | 08/24/05 | Time: 15 | 25 | |
| Soil Extract Volum | e: (µL) | Dilution Factor: | 1 | Analyst: | RSP | |
| Soil Aliquot Volum | e: (µL) | Prep Batch: | | Analytical I | Batch: 294076 | |
| CONOCHEDAT | | Analytical Method | | | | |
| CONCENTRATI | ION UNITS: ug/L | - | | | | |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL | |
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | TU | 0.010 | 1.0 | 7 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 0.010 | 1.0 | 7 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 0.010 | 1.0 | 7 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 0.010 | 1.0 | 7 |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 0.010 | 1.0 | 7 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 0.010 | 1.0 | 7 |
| 106-93-4 | 1,2-Dibromoethane | 1.0 | υ | 0.010 | 1.0 | 7 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 0.010 | 1.0 | 7 |
| 107-06-2 | 1,2-Dichloroethane | 1.0 | U | 0.010 | 1.0 | 7 |
| 540-59-0 | 1,2-Dichloroethene | 1.0 | U | 0.010 | 1.0 | 7 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 0.010 | 1.0 | 7 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 0.010 | 1.0 | 7 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 0.010 | 1.0 | 7 |
| 78-93-3 | 2-Butanone | 5.0 | U | 0.010 | 5.0 | 7 |
| 591-78-6 | 2-Hexanone | 5.0 | U | 0.010 | 5.0 | 76 |
| 108-10-1 | 4-Methyl-2-pentanone | 5.0 | Ü | 0.010 | 5.0 |] |
| 67-64-1 | Acetone | 5.0 | U | 0.010 | 5.0 | 7 |
| 71-43-2 | Benzene | 1.0 | U | 0.010 | 1.0 |] |
| 75-27-4 | Bromodichloromethane | 1.0 | U | 0.010 | 1.0 |] |
| 75-25-2 | Bromoform | 1.0 | U | 0.010 | 1.0 |] |
| 74-83-9 | Bromomethane | 1.0 | Ü | 0.010 | 1.0 |] |
| 75-15-0 | Carbon disulfide | 1.0 | U | 0.010 | 1.0 |] |
| 56-23-5 | Carbon tetrachloride | 1.0 | υ | 0.010 | 1.0 |] |
| 108-90-7 | Chlorobenzene | 1.0 | Ü | 0.010 | 1.0 | _] |
| 75-00-3 | Chloroethane | 1.0 | U | 0.010 | 1.0 |] |
| 67-66-3 | Chloroform | 0.14 | J | 0.010 | 1.0 |] |
| 74-87-3 | Chloromethane | 1.0 | U | 0.010 | 1.0 | 3 |
| 124-48-1 | Dibromochloromethane | 1.0 | U | 0.010 | 1.0 |] |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U | 0.010 | 1.0 | _] |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | Ü | 0.010 | 1.0 | _] |
| 100-41-4 | Ethylbenzene | 1.0 | U | 0.010 | 1.0 | |
| | | | | | | |

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1A VOLATILE ORGANICS ANALYSIS DATA SHEET

| SAMPL | E NO. |
|-------|-------|
|-------|-------|

SKSW50-1014

| Lab Name: GCAL Cor | neract: | | | | |
|-------------------------------|----------|-------------------|--------------|-------------|-------------------|
| ab Code: LA024 Case No.: | | SAS No.: | soc | No.: 2050 | 061709 |
| Materic (soil/water) Water | | | | | |
| Sample we/vol: 25 (g/ml) ml. | | Lab Sample ID: | 20506170909 | | |
| evel: (lowlmed) | | Lab File ID: 205 | 50624P/U4257 | | |
| 6 Moisture: not dec. | | Date Collected | 06/20/05 | Time: | 1135 |
| GC Column: DB-624-30M ID: .53 | (mm) | Date Received: | 06/21/05 | | |
| nstrument ID: MSV4 | | Date Analyzed: | 06/24/05 | Time: | 1525 |
| Soil Extract Volume: | (µL) | Dilution Factor: | 1 | Analyst | : RSP |
| Soil Aliquot Volume: | (µL) | Prep Batch: | | Analytic | cal Batch: 294076 |
| CONCENTRATION UNITS: ug/L | | Analytical Method | 0LCO 2.1 | | . |
| CAS NO. COMPOUND | | RESULT | Q | MDL | RL |
| 75-09-2 Mothylene chloride | | 2 0 | U | 0.010 | 2.0 |
| 100-42-5 Styrene | | .) | U | 0.010 | 1.0 |
| 127-18-4 Tetrachlorosthene | | .) | U | 0.010 | 1.0 |
| 108-88-3 Toluene | | . 0 | U | 0.010 | 1.0 |
| 79-01-6 Trichloroethene | | . 5 | Ü | 0.010 | 1.0 |
| 75-01-4 Vinyl chloride | | . 0 | Ü | 0.010 | 1.0 |
| 1330-20-7 Xviene (Intel) | | • 0 | U | 0.010 | 10 |

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| SAM | | 110 | • | |
|-----|-----|-----|-----|---|
| | VOV | VEO | 404 | A |

| Lab Name: GCAL | _Contract: | | | | |
|-------------------------------|------------|------------------|--------------|-------------|---------|
| Lab Code: LA024 Case No.: | | SAS No.: | | SDG No.: 20 | 5061709 |
| Matrix: Water | | Lab Sample ID: | 20506170909 |) | |
| Sample wt/vol: Units: | | Lab File ID: 20 | 50624P/U4257 | | |
| Level: (low/med) | | Date Collected: | 06/20/05 | Time: | 1135 |
| % Moisture: not dec. | | Date Received: | 06/21/05 | | |
| GC Column: RTX-624-30 ID: .53 | (mm) | Date Analyzed: | 06/24/05 | Time: | 1525 |
| Instrument ID: MSV4 | | Dilution Factor: | 1 | Analýs | t: RJO |
| Soil Extract Volume: | (µL) | | | | |
| Soil Aliquot Volume: | (µL) | | | | |
| Number TICs Found: 0 | | | | | |
| CONCENTRATION UNITS: | | | | | |
| CAS NO. COMPOUND | | RT | EST. | CONC. | Q |
| 1. No tics detected | | | | | |

1A VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

| CVC | ME4 4 | 044 | |
|------|-------|-----|--|
| 2421 | N51-1 | VIT | |
| | | | |

| Lab Name: GCA | Contract: | | | | |
|---|---------------------------|--|--------------|----------------|---------------|
| ab Code: LA024 | | SAS No.: | SDO | 3 No.: 2050617 | 709 |
| tatrix: (soil/water) iample wt/vol: 2: | Water 5 (g/ml) mL | Lab Sample ID: | 20506170915 | | |
| | | Lab Facility 200 | 00040414007 | | ···· |
| evel: (low/med) | | Lab File ID: 205 | 00624P/04267 | | |
| 6 Moisture: not dec | ÷ | Date Collected: | 06/20/05 | Time: _100 | 20 |
| C Calumn: DB- | 824-30M ID: .53 (mm) | Date Received: | 06/21/05 | | |
| nstrument ID: MS | | Date Analyzed: | 06/24/05 | Time: 19 | 15 |
| iail Extract Volume | c(µL) | Dilution Factor: | 1 | Analyst i | RJO |
| iail Aliquot Valume | | Prep Batch: | | | Satch: 294076 |
| • | | Analytical Method | : OLCO 2.1 | | |
| CONCENTRATE | ON UNITS: ug/L | - | | | |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL |
| 71-55-6 | 1,1,1-Trichlorosthane | 10 | U | 0.010 | 1.0 |
| 79-34-5 | 1,1,2,2-Tetrachioroethene | ٠,٥ | U | 0.010 | 1.0 |
| 79-00-5 | 1,1,2-Trichlorosthane | • 3 | U | 0.010 | 1.0 |
| 75-34-3 | 1,1-Dichlorosthene | 1.3 | U | 0.010 | 1.0 |
| 75-35-4 | 1,1-Dichloroethene | . : | U | 0.010 | 1.0 |
| 120-82-1 | 1,2,4-Trichlorobenzene | • 3 | Ü | 0.010 | 1.0 |
| 106-93-4 | 1,2-Dibromosthane | • : | U | 0.010 | 1.0 |
| 95-50-1 | 1,2-Dichlorobenzene | • | υ | 0.010 | 1.0 |
| 107-06-2 | 1,2-Dichlorosthane | • : | U | 0.010 | 1.0 |
| 540-5 9- 0 | 1,2-Dichlorosthene | | Ü | 0.010 | 1.0 |
| 78-87-5 | 1,2-Dichloropropane | | U | 0.010 | 1.0 |
| 541-73-1 | 1,3-Dichlorobenzene | 1: | U | 0.010 | 1.0 |
| 106-46-7 | 1,4-Dichlorobenzene | • ; | U | 0.010 | 1.0 |
| 78-93-3 | 2-Butanone | 5. | U | 0.010 | 5.0 |
| 591-78-6 | 2-Hexanone | 5.3 | U | 0.010 | 5.0 |
| 108-10-1 | 4-Methyl-2-pentanone | 5 : | υ | 0.010 | 5.0 |
| 67-64-1 | Acetone | 5.7 | U | 0.010 | 5.0 |
| 71-43-2 | Benzene | 1: | Ü | 0.010 | 1.0 |
| 75-27-4 | Bramodichlaramethane | 4.0 | U | 0.010 | 1.0 |
| 75-25-2 | Bramafarm | | U | 0.010 | 1.0 |
| 74-83-9 | Bromomethane | • | U | 0.010 | 1.0 |
| 75-15-0 | Carbon disulfide | | U | 0.010 | 1.0 |
| 56-23-5 | Carbon tetrachloride | • | U | 0.010 | 1.0 |
| 108-90-7 | Chlorobenzene | • • | U | 0.010 | 1.0 |
| 75-00-3 | Chlorosthene | • 5 | u l | 0.010 | 1.0 |
| 67-86-3 | Chloroform | | Ü | 0.010 | 1.0 |
| 74-87-3 | Chloromethene | 15 | - | 0.010 | 1.0 |
| 124-48-1 | Dibromochloromethane | | U | 0.010 | 1.0 |
| 10061-01-5 | cis-1,3-Dichloropropene | - | Li Li | 0.010 | 1.0 |
| 10061-02-6 | trans-1,3-Dichloropropere | | U | 0.010 | 1.0 |
| 100-41-4 | Ethylberizene | 10 | U U | 0.010 | 1.0 |
| | 1 | 1 1 1 | | U.U.U | |

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1A VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SKSW51-1014

| Lab Name: GCAL | Contract: | · · · · · · · · · · · · · · · · · · · | | | |
|----------------------------|-------------|---------------------------------------|--------------|--------------|--------------|
| Lab Code: LA024 Ca | se No.: | SAS No.: | SDG No. | : 2050617 | 09 |
| Matrix: (soll/water) Water | | | | | |
| Sample wt/vol: 25 (g/ml) | mL | Lab Sample ID: | 20506170915 | ····· | ···· |
| Level: (low/med) | | Lab File ID: 20 | 50624P/U4267 | | |
| O/ Majaturas aut dan | | Date Collected: | 06/20/05 | Time: 102 | 0 |
| GC Column: DB-624-30M | ID:53 (mm) | Date Received: | 06/21/05 | | |
| Instrument ID: MSV4 | | Date Analyzed: | 06/24/05 | Time: 191 | 5 |
| Soil Extract Volume: | (µL) | Dilution Factor: | 1 | Analyst: F | พ๐ |
| Soil Aliquot Volume: | | | | Analytical B | atch: 294076 |
| CONCENTRATION UNITS: ug | | Analytical Method | : OLCO 2.1 | | |
| CAS NO. COMPOUNE | | RESULT | Q M | IDL · | RL |
| 75-09-2 Methylene chio | ride | 2.0 | 1010 | 0.010 | 2.0 |
| 100-42-5 Styrene | | 1.0 | U | 0.010 | 1.0 |
| 127-18-4 Tetrachloroethe | ene | 1.0 | U | 0.010 | 1.0 |
| 108-88-3 Toluene | | 1.0 | U | 0.010 | 1.0 |
| 79-01-6 Trichloroethene |) | 1.0 | U | 0.010 | 1.0 |
| 75-01-4 Vinyl chloride | | 1.0 | U | 0.010 | 1.0 |
| 1330-20-7 Xylene (total) | | 1.0 | U | 0.010 | 1.0 |

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VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| | SAME | 3Jr | NO. |
|--|------|-----|-----|
|--|------|-----|-----|

SKSW51-1014

| Lab Name: GCAL | Contract: | | | L | | |
|--|-------------|------------------|--------------|-------------------------|-------------|---|
| Lab Code: LA024 Case No.: | | SAS No.: | | - SDG No.: <u>20</u> | 5061709 | |
| Matric Water | | Lab Sample ID: | 20506170915 | | | |
| Sample wt/vol: Units: | | Lab File ID: 20 | 50624P/U4267 | | | |
| Level: (low/med) | | Date Collected: | 06/20/05 | Time: | 1020 | |
| % Moisture: not dec. | | Date Received: | 06/21/05 | | | _ |
| GC Column: RTX-624-30 ID: .53 | (mm) | Date Analyzed: | 06/24/05 | Time: | 1915 | |
| Instrument ID: MSV4 | | Dilution Factor: | 1 | Analys | t RJO | |
| Soil Extract Volume: | (µL) | | | | | |
| Soil Aliquot Volume: | (µL) | | | | | |
| Number TICs Found: 0 CONCENTRATION UNITS: CAS NO. COMPOUND | | RT | EST. | CONC. | Q | |
| 1. No tics detected | | <u> </u> | | | | _ |

1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| Lab Name: Go | CAL | Sample ID: S | SKSW52-10 | 014 | |
|-------------------|-----------------------------|------------------|---------------------------------------|---------------|---------------------------------------|
| Lab Code: LA | 024 | Contract: | | | |
| - 100- | SDG No.: 205061709 | Lab File ID: 2 | 2050714/B0 | 335 | |
| Matrix: Water | | Lab Sample ID | · · · · · · · · · · · · · · · · · · · | | |
| water | | Lab Sample ID | 2030617 | | |
| Sample wt/vol: | 1000 Units: mL | Date Collected | : 06/16/05 | Time: | 1430 |
| Level: (low/med) | LOW | Date Received | : 06/17/05 | 5 | |
| % Moisture: | decanted: (Y/N) | Date Extracted | : 06/20/05 | 5 | |
| GC Column: D | B-5MS-30M ID: .25 (mm) | Date Analyzed: | 07/14/05 | 5 Time | 1630 |
| | dract Volume: 1000 (μL) | Dilution Factor: | : 1 | Analy | st: JAR3 |
| | e: (μL) | Prep Method: | • | | |
| | | Analytical Meth | | | · · · · · · · · · · · · · · · · · · · |
| GPC Cleanup: (| Y/N) N pH: | | - | U 4.2 | |
| 0011051555 | 04444770 | Instrument ID: | MSSV3 | | |
| CONCENTRATI | ON UNITS: ug/L | Prep Batch: _2 | 293939 | Analytical Ba | tch: 295505 |
| CAS NO. | COMPOUND | RESULT | Q | MDL. | RL |
| los os 4 | IOAS Tricklesses | 40.0 | | 0.040 | |
| 95-95-4 | 2,4,5-Trichlorophenol | 10.0 | U | 0.010 | 10.0 |
| 88-06-2 | 2,4,6-Trichlorophenol | 10.0 | U | 0.010 | 10.0 |
| 120-83-2 | 2,4-Dichlorophenol | 10.0 | U | 0.010 | 10.0 |
| 51-28-5 | 2,4-Dinitrophenol | 25.0 | U | 0.010 | 25.0 |
| 121-14-2 | 2,4-Dinitrotoluene | 10.0 | U | 0.010 | 10.0 |
| 606-20-2 | 2,6-Dinitrotoluene | 10.0 | U | 0.010 | 10.0 |
| 91-58-7 | 2-Chloronaphthalene | 10.0 | U | 0.010 | 10.0 |
| 95-57-8 | 2-Chlorophenol | 10.0 | U | 0.010 | 10.0 |
| 91-57-6 | 2-Methylnaphthalene | 10.0 | U | 0.010 | 10.0 |
| 88-74-4 | 2-Nitroaniline | 25.0 | U | 0.010 | 25.0 |
| 88-75-5 | 2-Nitrophenol | 10.0 | U | 0.010 | 10.0 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 10.0 | U | 0.010 | 10.0 |
| 99-09-2 | 3-Nitroaniline | 25.0 | U | 0.010 | 25.0 |
| 534-52-1 | 2-Methyl-4,6-dinitrophenol | 25.0 | U | 0.010 | 25.0 |
| 59-50-7 | 4-Chloro-3-methylphenol | 10.0 | V | 0.010 | 10.0 |
| 106-47-8 | 4-Chloroaniline | 10.0 | U | 0.010 | 10.0 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 10.0 | Ų | 0.010 | 10.0 |
| 106-44-5 | 4-Methylphenol (p-Cresol) | 10.0 | U | 0.010 | 10.0 |
| 83-32-9 | Acenaphthene | 10.0 | U | 0.010 | 10.0 |
| 208-96-8 | Acenaphthylene | 10.0 | U . | 0.010 | 10.0 |
| 120-12-7 | Anthracene | 10.0 | Ú | 0.010 | 10.0 |
| 56-55-3 | Benzo(a)anthracene | 10.0 | U | 0.010 | 10.0 |
| 50-32-8 | Benzo(a)pyrene | 10.0 | U | 0.010 | 10.0 |
| 205-99-2 | Benzo(b)fluoranthene | 10.0 | U | 0.010 | 10.0 |
| 191-24-2 | Benzo(g,h,i)perylene | 10.0 | Ū | 0.010 | 10.0 |
| 207-08-9 | Benzo(k)fluoranthene | 10.0 | Ü | 0.010 | 10.0 |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 10.0 | Ū | 0.010 | 10.0 |
| 111-44-4 | Bis(2-Chloroethyl)ether | 10.0 | Ū | 0.010 | 10.0 |
| 108-60-1 | bis(2-Chloroisopropyl)ether | 10.0 | Ü | 0.010 | 10.0 |

1B SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

| 85-68-7 Butylbenzylphthalate | Lab Name: GCA | L | Sample ID: S | KSW52-10 | 14 | | _ |
|--|------------------|----------------------------|-----------------|---------------|---------------|-------------|-------------|
| Matrix Water Lab Sample Dr. 20506170901 | Lab Code: LA02 | 4 Case No.: | Contract: | · | | | _ |
| Sample wired: 1000 Units: mL Date Collected: 06/16/05 Time: 1430 | SAS No.: | SDG No.: 205061709 | Lab File ID: 2 | 050714/B0 | 335 | | |
| Levet (fourmed) LOW Date Received: 06/17/05 | Matrix: Water | | Lab Sample ID | 2050617 | 70901 | | |
| % Moisture: decarited (YN) Date Extracted: 06/20/05 GC Column: DB-SMS-30M ID 25 (mm) Date Analyzed: 07/14/05 Time: 1630 Concentrated Extract Volume: 100 (µL) Dilution Factor: 1 Analyst: JAR3 CONCENTRATION UNITS: 1.0 (µL) Prep Batch: 293939 Analytical Batch: 295505 CAS NO. COMPOUND RESULT Q MDL RL 117-81-7 bis(2-ethylhesylphirhalate [0, QL/42] JB 0.010 10.0 101-55-3 4-Bromopheny-phenylether 0.0 U 0.010 10.0 105-68-7 Butylbercylphthalate 0.0 U 0.010 10.0 86-74-9 Carbacole 0.0 U 0.010 10.0 84-74-2 Di-n-octylphthalate 10.0 U 0.010 10.0 84-74-2 Di-n-octylphthalate 10.0 U 0.010 10.0 85-70-3 Diberc | Sample wt/vot: 1 | 000 Units: mL | Date Collected | : 06/16/05 | Time: | 1430 | |
| Concentrated Extract Volume: 100 1 | Level: (low/med) | LOW | Date Received: | : 06/17/05 | ; | | _ |
| Concentrated Extract Volume: 100 1 | % Moisture: | decanted: (Y/N) | Date Extracted | : 06/20/05 | <u> </u> | | _ |
| Concentrated Extract Volume: 1.00 | GC Cohumo: DB- | | Date Analyzed: | 07/14/05 | . Time | 1630 | |
| Injection Volume: 1.0 (µL) Prep Method: OLIM4 2 SVOA | | | Dilution Factor | 1 | Anah | st JAR3 | |
| Analytical Method: OLMO 4.2 Instrument ID: MSSV3 | | | | | | | _ |
| Instrument ID: MSSV3 Prep Batch: 293939 Analytical Batch: 295505 | • | | • | | - | | |
| CONCENTRATION UNITS: ug/L Prep Batch 293939 Analytical Batch: 295505 | GPC Cleanup: (Y/ | N) N pH: | · | | 042 | | |
| CAS NO. COMPOUND RESULT Q MDL RL 117-81-7 bis(2-ethythexyliphthalate [0,047] JB 0.010 10.0 0.015-53 4-Bromophenyl-phenylether 10.0 U 0.010 10.0 0.056-68-7 Butybenzylephthalate 10.0 U 0.010 10.0 0.010 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.010 0.0 0.0 0.010 0.0 | CONCENTRATIO | NUNITS: und | Instrument ID: | MSSV3 | | | |
| 117-81-7 | CONOLINIO I | | Prep Batch: 2 | 293939 | Analytical Ba | tch: 295505 | _ |
| 101-55-3 4-Bromophenyl-phenylether 10.0 U 0.010 10.0 | CAS NO. | COMPOUND | RESULT | Q | MDL | RL | |
| 85-68-7 Butylbenzylphthalate | | | | | | |]4 |
| 10.0 | | I-Bromophenyl-phenylether | | | 0.010 | | |
| 218-01-9 Chrysene | | Butylbenzylphthalate | 10.0 | U | 0.010 | 10.0 | |
| 84-74-2 Di-n-butylphthalate | 86-74-8 (| Carbazole | 10.0 | U | 0.010 | 10.0 | _ |
| 117-84-0 Di-n-octylphthalate -3.0 U 0.010 10.0 10.0 132-64-9 Dibenzofuran 10.0 U 0.010 10.0 10.0 132-64-9 Dibenzofuran 10.0 U 0.010 10.0 | 218-01-9 | Chrysene | L | U | 0.010 | 10.0 | |
| 10.0 | 84-74-2 | Di-n-butylphthalate | | U | 0.010 | 10.0 | |
| 132-64-9 Dibenzofuran 10.0 U 0.010 10.0 | 117-84-0 | Di-n-octylphthalate | 10.0 | U | 0.010 | 10.0 | _ |
| 84-66-2 | 53-70-3 | Diberz(a,h)anthracene | 10.0 | U | 0.010 | 10.0 | |
| 131-11-3 | 132-64-9 | Dibenzofuran | L | U | 0.010 | 10.0 | _] |
| 105-67-9 2,4-Dimethylphenol 19.0 U 0.010 10.0 206-44-0 Fluoranthene 10.0 U 0.010 10.0 86-73-7 Fluorene 10.0 U 0.010 10.0 118-74-1 Hexachlorobenzene 10.0 U 0.010 10.0 87-68-3 Hexachlorobutadiene 10.0 U 0.010 10.0 77-47-4 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 67-72-1 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 98-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 98-95-3 Nitrobenzene 10.0 U 0.010 25.0 98-95-3 Nitrobenzene <t< th=""><th>84-66-2</th><th>Diethylphthalate</th><th></th><th></th><th>0.010</th><th>10.0</th><th>j</th></t<> | 84-66-2 | Diethylphthalate | | | 0.010 | 10.0 | j |
| 206-44-0 Fluoranthene 10.0 U 0.010 10.0 86-73-7 Fluorene 10.0 U 0.010 10.0 118-74-1 Hexachlorobenzene 10.0 U 0.010 10.0 87-68-3 Hexachlorobutadiene 10.0 U 0.010 10.0 77-47-4 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 90-95-3 Nitrobenzene 10.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 25.0 98-95-3 Nitrobenzene 1 | 131-11-3 | Dirnethyl-phthalate | | | 0.010 | 10.0 | _ |
| Section Sect | 105-67-9 | 2,4-Dimethylphenol | | | 0.010 | 10.0 | _ |
| 118-74-1 Hexachlorobenzene 10.0 U 0.010 10.0 87-68-3 Hexachlorobutadiene 10.0 U 0.010 10.0 77-47-4 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 78-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzane 10.0 U 0.010 25.0 98-95-3 Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 100-00 Pyrene 10.0 | 206-44-0 F | luoranthene | | U | 0.010 | 10.0 | _ |
| 87-68-3 Hexachlorobutadiene 10.0 U 0.010 10.0 77-47-4 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-od)pyrene 10.0 U 0.010 10.0 78-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 100-0 Pyrene 10.0 < | 86-73-7 F | fluorene | 10.0 | U | 0.010 | 10.0 | J |
| 77-47-4 Hexachlorocyclopentadiene 10.0 U 0.010 10.0 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 78-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenol 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 118-74-1 | texachlorobenzene | 10.0 | U | 0.010 | 10.0 | j |
| 67-72-1 Hexachloroethane 10.0 U 0.010 10.0 193-39-5 Indeno(1,2,3-cd)pyrene 10.0 U 0.010 10.0 78-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | | lexachlorobutadiene | 10.0 | U | 0.010 | 10.0 | _ |
| 193-39-5 Indeno(1,2,3-od)pyrene 10.0 U 0.010 10.0 78-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | | lexachlorocyclopentadiene | 10.0 | U | 0.010 | 10.0 | |
| 78-59-1 Isophorone 10.0 U 0.010 10.0 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 67-72-1 | lexachloroethane | | U | 0.010 | 10.0 |] |
| 91-20-3 Naphthalene 10.0 U 0.010 10.0 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 193-39-5 M | ndeno(1,2,3-od)pyrene | *0.0 | U | 0.010 | 10.0 |] |
| 100-01-6 4-Nitroaniline 25.0 U 0.010 25.0 98-95-3 Nitroberzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 78-59-1 L | sophorone | 10.0 | U | 0.010 | 10.0 |] |
| 98-95-3 Nitrobenzene 10.0 U 0.010 10.0 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 91-20-3 N | laphthalene | 10.0 | C | 0.010 | 10.0 |] |
| 100-02-7 4-Nitrophenol 25.0 U 0.010 25.0 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 100-01-6 4 | -Nitroaniline | 25.0 | Ü | 0.010 | 25.0 |] |
| 87-86-5 Pentachlorophenol 25.0 U 0.010 25.0 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 98-95-3 N | litrobenzene | 10.0 | U | 0.010 | 10.0 |] |
| 85-01-8 Phenanthrene 10.0 U 0.010 10.0 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 100-02-7 4 | -Nitrophenol | 25.0 | U | 0.010 | 25.0 |] |
| 108-95-2 Phenol 10.0 U 0.010 10.0 129-00-0 Pyrene 10.0 U 0.010 10.0 | 87-86-5 P | Pentachlorophenol | 25.0 | Ú | 0.010 | 25.0 |] |
| 129-00-0 Pyrene 10.0 U 0.010 10.0 | 85-01-8 P | henanthrene | 10.0 | U | 0.010 | 10.0 |] |
| | 106-95-2 | henol | 10.0 | Ü | 0.010 | 10.0 |] |
| 621-64-7 N-Nitroso-di-n-prop ytamine 10.0 U 0.010 10.0 | 129-00-0 P | yrene | 10.0 | U | 0.010 | 10.0 |] |
| | 621-64-7 N | I-Nitroso-di-n-propylamine | 10.0 | U | 0.010 | 10.0 |] |

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| Lab Name: GCAL | Sample ID: SKSW52-1014 |
|--|---|
| Lab Code: LA024 Case No.: | Contract: |
| SAS No.: SDG No.:205061709 | Lab File ID: 2050714/B0335 |
| Matrix: Water | Lab Sample ID: 20506170901 |
| Sample wt/vol: 1000 Units: mL | Date Collected: 06/16/05 Time: 1430 |
| Level: (low/med) LOW | Date Received: 06/17/05 |
| % Moisture: decanted: (Y/N) | Date Extracted: 06/20/05 |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07/14/05 Time: 1630 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: OLM4.2 SVOA |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLMO 4.2 |
| | Instrument ID: MSSV3 |
| CONCENTRATION UNITS: ug/L | Prep Batch: 293939 Analytical Batch: 295505 |
| CAS NO. COMPOUND | RESULT Q MDL RL |
| 86-30-6 N-Nitrosodiphenylamine | 10.0 U 0.010 10.0 |
| 95-48-7 o-Cresol | 10.0 U 0.010 10.0 |

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENT-FIED COMPOUNDS

| Lab Name: GCAL | Sample ID: SKSW52-1014 |
|--|-------------------------------------|
| Lab Code: LA024 Case No.: | Contract: |
| SAS No.: SDG No.: 205061709 | Lab File ID: 2050714/B0335 |
| Matric Water | Lab Sample ID: 20506170901 |
| Sample wt/vot: Units: | Date Collected: 06/16/05 Time: 1430 |
| Level: (low/med) | Date Received: 06/17/05 |
| % Moisture: not dec. | Date Extracted: |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07/14/05 Time: 1630 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: SW-846 8270C |
| | Instrument ID: MSSV3 |
| Number TICs Found: 1 | |
| CONCENTRATION UNITS: | |
| CAS NO. COMPOUND | RT EST. CONC. Q |
| 1 . 603-11-2 1,2-Benzenedicarboxyfic acid, | 6.282 4.99 |

| Lab Name: GC | CAL | Sample ID: 3 | SKSW50-1 |)14 | · |
|------------------|--|-----------------|--------------|---------------------|-------------|
| Lab Code: LA0 | 024 Case No.; | Contract: | | | |
| SAS No.: | SDG No.: 205061709 | Lab File ID: 2 | 2050714/B0 | 340 | |
| Matrix: Water | | Lab Sample ID | 2050617 | 70909 | |
| Sample wt/vol: | 1000 Units: mL | Date Collected | | | 1135 |
| • | | | | | 1100 |
| Level: (low/med) | LOW | Date Received | : 06/21/0 | 5 | |
| % Moisture: | decanted: (Y/N) | Date Extracted | 1: 06/22/0 | 5 | |
| GC Column: DE | B-5MS-30M ID: .25 (mm) | Date Analyzed | : 07/14/05 | 5 Time | : 1804 |
| Concentrated Ex | tract Volume: 1000 (µL) | Dilution Factor | : <u>1</u> | Anaiy | /st: JAR3 |
| | :(µL) | Prep Method: | OLM4.2 S | SVOA | |
| | //N) N pH: | Analytical Meth | nod: OLM | O 4.2 | |
| C | ************************************** | Instrument ID: | MSSV3 | | |
| CONCENTRATIO | ON UNITS: ug/L | | | A 1 - 1 - 1 - 1 - 1 | |
| | | Prep Batch: | | | tch: 295505 |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL |
| 95-95-4 | 2,4,5-Trichlorophenol | 10.0 | U | 0.010 | 10.0 |
| 88-06-2 | 2,4,6-Trichlorophenol | 10.0 | U | 0.010 | 10.0 |
| 120-83-2 | 2,4-Dichlorophenol | 10.0 | U | 0.010 | 10.0 |
| 51-28-5 | 2,4-Dinitrophenol | 25.0 | U | 0.010 | 25.0 |
| 121-14-2 | 2,4-Dinitrotoluene | 10.0 | U | 0.010 | 10.0 |
| 606-20-2 | 2,6-Dinitrotoluene | 10.0 | U | 0.010 | 10.0 |
| 91-58-7 | 2-Chloronaphthalene | 10.0 | U | 0.010 | 10.0 |
| 95-57-8 | 2-Chlorophenol | 10.0 | U | 0.010 | 10.0 |
| 91-57-6 | 2-Methylnaphthalene | 10.0 | U | 0.010 | 10.0 |
| 88-74-4 | 2-Nitroanillne | 25.0 | Ų | 0.010 | 25.0 |
| 88-75-5 | 2-Nitrophenol | 10.0 | U | 0.010 | 10.0 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 10.0 | U | 0.010 | 10.0 |
| 99-09-2 | 3-Nitroaniline | 25.0 | U | 0.010 | 25.0 |
| 534-52-1 | 2-Methyl-4,6-dinitrophenol | 25.0 | U | 0.010 | 25.0 |
| 59-50-7 | 4-Chloro-3-methylphenol | 10.0 | U | 0.010 | 10.0 |
| 106-47-8 | 4-Chloroaniline | 10.0 | U | 0.010 | 10.0 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 10.0 | U | 0.010 | 10.0 |
| 106-44-5 | 4-Methylphenol (p-Cresol) | 10.0 | Ü | 0.010 | 10.0 |
| 83-32-9 | Acenaphthene | 10.0 | U | 0.010 | 10.0 |
| 208-96-8 | Acenaphthylene | 10.0 | U | 0.010 | 10.0 |
| 120-12-7 | Anthracene | 10.0 | U | 0.010 | 10.0 |
| 56-55-3 | Benzo(a)anthracene | 10.0 | U | 0.010 | 10.0 |
| 50-32-8 | Benzo(a)pyrene | 10.0 | U | 0.010 | 10.0 |
| 205-99-2 | Benzo(b)fluoranthene | 10.0 | υ | 0.010 | 10.0 |
| 191-24-2 | Benzo(g,h,i)perylene | 10.0 | U | 0.010 | 10.0 |
| 207-08-9 | Benzo(k)fluoranthene | 10.0 | U | 0.010 | 10.0 |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 10.0 | U | 0.010 | 10.0 |
| 111-44-4 | Bis(2-Chloroethyl)ether | 10.0 | U | 0.010 | 10.0 |
| 108-60-1 | bis(2-Chloroisopropyl)ether | 10.0 | U | 0.010 | 10.0 |

| Lab Name: GCAL | Sample ID: SKSW50-1014 |
|--|---|
| Lab Code: LA024 Case No.: | Contract: |
| SAS No.: SDG No.: 205061709 | Lab File ID: 2050714/B0340 |
| Mairtic Water | Lab Sample ID: 20506170909 |
| Sample wt/vol: 1000 Units: mL | Date Collected: 06/20/05 Time: 1135 |
| Levet: (low/med) LOW | Date Received: 06/21/05 |
| % Moisture: decanted (Y'N) | Date Extracted: 06/22/05 |
| GC Column: DB-5MS-30M iD: .25 (mm) | Date Analyzed: 07/14/05 Time: 1804 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: OLM4.2 SVOA |
| GPC Cleanup: (Y/N) N pH | Analytical Method: OLMO 4.2 |
| | Instrument ID: MSSV3 |
| CONCENTRATION UNITS: ug/L | Prep Batch: 294063 Analytical Batch: 295505 |
| CAS NO. COMPOUND | RESULT Q MDL RL |
| 117-81-7 bis(2-ethylhexyl)phthalate | 10.0 U 0.010 10.0 |
| 101-55-3 4-Bromopheryl-phenylether | 10.0 U 0.010 10.0 |
| 85-68-7 Butylbenzylphthalate | 10.0 U 0.010 10.0 |
| 86-74-8 Carbazole | 10.0 U 0.010 10.0 |
| 218-01-9 Chrysene | 10.0 U 0.010 10.0 |
| 84-74-2 Di-n-butylphthalate | 10.0 U 0.010 10.0 |
| 117-84-0 Di-n-octylphthalate | 10.0 U 0.010 10.0 |
| 53-70-3 Dibenz(a,h)anthracene | 10.0 U 0.010 10.0 |
| 132-64-9 Dibenzofuran | 10.0 U 0.010 10.0 |
| 84-66-2 Diethylphthalate | 10.0 U 0.010 10.0 |
| 131-11-3 Dimethyl-phthalate | 10.0 U 0.010 10.0 |
| 105-67-9 2,4-Dimethylphenol | 10.0 U 0.010 10.0 |
| 206-44-0 Fluoranthene | 10.0 U 0.010 10.0 |
| 96-73-7 Fluorene | 10.0 U 0.010 10.0 |
| 118-74-1 Hexachiorobenzene | 10.6 U 0.010 10.0 |
| 87-68-3 Hexachlorobutadiene | 10.6 U 0.010 10.0 |
| 77-47-4 Hexachlorocyclopentaciene | 10.C U 0.010 10.0 |
| 67-72-1 Hexachloroethane | 10.0 U 0.010 10.0 |
| 193-39-5 Indeno(1,2,3-cd)pyrene | 10.0 U 0.010 10.0 |
| 78-59-1 Isophorone | 10.0 U 0.010 10.0 |
| 91-20-3 Naphthalene | 10.0 U 0.010 10.0 |
| 100-01-6 4-Nitroaniine | 25.0 U 0.010 25.0 |
| 98-95-3 Nitrobenzene | 10.0 U 0.010 10.0 |
| 100-02-7 4-Nitrophenol | 25.0 U 0.010 25.0 |
| 87-86-5 Pentachlorophenol | 25.0 U 0.010 25.0 |
| 85-01-8 Phenanthrene | 13.0 U 0.010 10.0 |
| 108-95-2 Phenol | 10.0 U 0.010 10.0 |
| 129-00-0 Pyrene | 13.0 U 0.010 10.0 |
| 621-64-7 N-Nitroso-di-n-propytam ne | 10.0 U 0.010 10.0 |
| <u></u> | |

| Lab Name: GCAL | Sample ID: SKSW50-1014 |
|--|---|
| Lab Code: LA024 Case No.: | Contract: |
| SAS No.: SDG No.:205061709 | Lab File ID: 2050714/B0340 |
| Matrix: Water | Lab Sample ID: 20506170909 |
| Sample wt/vol: 1000 Units: mL | Date Collected: 06/20/05 Time: 1135 |
| Level: (low/med) LOW | Date Received: 06/21/05 |
| % Moisture: decanted: (Y/N) | Date Extracted: 06/22/05 |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07/14/05 Time: 1804 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: OLM4.2 SVOA |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLMO 4.2 |
| | Instrument ID: MSSV3 |
| CONCENTRATION UNITS: ug/L | Prep Batch: 294063 Analytical Batch: 295505 |
| CAS NO. COMPOUND | RESULT Q MDL RL |
| 86-30-6 N-Nitrosodiphenylamine | 10.0 U 0.010 10.0 |
| 95-48-7 o-Cresol | 10.0 U 0.010 10.0 |

1F SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| Lab Name: GCAL | Sample ID: SKSW50-1014 |
|--|---|
| Lab Code: LA024 Case No : | Contract: |
| SAS No.: SDG No.: 205061709 | Lab File ID: 2050 714/B0340 |
| Matrix Water | Lab Sample ID: 20506170909 |
| Sample wt/vol: Units: | Date Collected: 06/20/05 Time: 1135 |
| Levet: (low/med) | Date Received: 06/21/05 |
| % Moisture: not dec. | Date Extracted: |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07/14/05 Time: 1804 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: SW-846 8270C Instrument ID: MSSV3 |
| Number TICs Found: 1 | |
| CONCENTRATION UNITS: | |
| CAS NO. COMPOUND | RT EST. CONC. Q |
| 1. Unknown | 2.603 10.8 |

| Lab Name: G | CAL | Sample ID: SKSW51 | -1014 | |
|-----------------------|-------------------------------|---|--------------------------|--|
| Lab Code: LA | 024 | Contract: | | |
| SAS No.: | SDG No.: 205061709 | Lab File ID: 2050714/ | B0345 | |
| Matrix: Water | | Lab Sample ID: 2050 | 6170915 | |
| Sample wt/vol: | 1000 Units: mL | Date Collected: 06/20 | /05 Time: 1020 | |
| | | *************************************** | | |
| Level: (low/med |) LOW | Date Received: 06/21 | /05 | |
| % Moisture: | decanted: (Y/N) | Date Extracted: 06/22 | /05 | |
| GC Column: D | B-5MS-30M ID: <u>.25</u> (mm) | Date Analyzed: 07/14 | /05 Time: 1955 | |
| Concentrated E | xtract Volume: 1000 (µL) | Dilution Factor: 1 | Analyst: JAR3 | |
| | e: (µL) | Prep Method: OLM4. | 2 SVOA | |
| | Y/N) N pH: | Analytical Method: Ol | .MO 4.2 | |
| Gr C Cleanup. (| pri. | | | |
| CONCENTRATI | ION UNITS: ug/L | Instrument ID: MSSV3 | | |
| CONCENTION | ON ON 16. Ug/L | Prep Batch: 294063 | Analytical Batch: 295505 | <u>. </u> |
| CAS NO. | COMPOUND | RESULT Q | MDL RL | |
| 95-95-4 | 2,4,5-Trichlorophenol | 10.0 U | 0.010 10.0 | |
| 88-06-2 | 2,4,6-Trichlorophenol | 10.0 U | 0.010 10.0 | |
| 120-83-2 | 2,4-Dichlorophenol | 10.0 U | 0.010 10.0 | |
| 51-28-5 | 2,4-Dinitrophenol | 25.0 U | 0.010 25.0 | |
| 121-14-2 | 2,4-Dinitrotoluene | 10.0 U | 0.010 10.0 | |
| 606-20-2 | 2,6-Dinitrotoluene | 10.0 U | 0.010 10.0 | |
| 91-58-7 | 2-Chloronaphthalene | 10.0 U | 0.010 10.0 | |
| 95-57-8 | 2-Chlorophenol | 10.0 U | 0.010 10.0 | |
| 91-57-6 | 2-Methylnaphthalene | 10.0 U | 0.010 10.0 | |
| 88-74-4 | 2-Nitroaniline | 25.0 U | 0.010 25.0 | |
| 88-75-5 | 2-Nitrophenol | 10.0 U | 0.010 10.0 | |
| 91-94-1 | 3,3'-Dichlorobenzidine | 10.0 U | 0.010 10.0 | |
| 99-09-2 | 3-Nitroaniline | 25.0 U | 0.010 25.0 | |
| 534-52-1 | 2-Methyl-4,6-dinitrophenol | 25.0 U | 0.010 25.0 | |
| 59-50-7 | 4-Chloro-3-methylphenol | 10.0 U | 0.010 10.0 | |
| 106-47-8 | 4-Chloroaniline | 10.0 U | 0.010 10.0 | |
| 7005-72-3 | 4-Chlorophenyi-phenylether | 10.0 U | 0.010 10.0 | |
| 106-44-5 | 4-Methylphenol (p-Cresol) | 10.0 U | 0.010 10.0 | |
| 83-32-9 | Acenaphthene | 10.0 U | 0.010 10.0 | |
| 208-96-8 | Acenaphthylene | 10.0 U | 0.010 10.0 | |
| 120-12-7 | Anthracene | 10.0 U | 0.010 10.0 |] |
| 56-55-3 | Benzo(a)anthracene | 10.0 U | 0.010 10.0 |] |
| 50-32-8 | Benzo(a)pyrene | 10.0 U | 0.010 10.0 | |
| 205-9 9- 2 | Benzo(b)fluoranthene | 10.0 U | 0.010 10.0 | |
| 191-24-2 | Benzo(g,h,i)perylene | 10.0 U | 0.010 10.0 | |
| 207-08-9 | Benzo(k)fluoranthene | 10.0 U | 0.010 10.0 | |
| 111-91-1 | Bis(2-Chloroethoxy)methane | 10.0 U | 0.010 10.0 |] |
| 111-44-4 | Bis(2-Chloroethyl)ether | 10.0 U | 0.010 10.0 |] |
| 108-60-1 | his(2-Chloroisopropy()ether | 10.0 | 0.010 10.0 | - 1 |

| Lab Name: GCAL | Sample ID: SKSW51-1014 |
|--|---|
| Lab Code: LA024 Case No.: | Contract: |
| SAS No.: SDG No.: 205061709 | Lab File ID: 2050714/80345 |
| Matrix Water | Lab Sample ID: 20506170915 |
| | |
| Sample wt/vol: 1000 Units: mL | Date Collected: 06/20/05 Time: 1020 |
| Level: (low/med) LOW | Date Received: 06/21/05 |
| % Moisture: decanted: (Y'N) | Date Extracted: 06/22/05 |
| GC Column: DB-5MS-30M ID: _25 (mm | Date Analyzed: 07/14/05 Time: 1955 |
| Concentrated Extract Volume: 1000 (µL | Dilution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL | Prep Method: OLM4.2 SVOA |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLMO 4.2 |
| | Instrument ID: MSSV3 |
| CONCENTRATION UNITS: ug/L | Prep Batch: 294063 Analytical Batch: 295505 |
| CAS NO. COMPOUND | RESULT Q MDL RL |
| 117-81-7 bis(2-ethythexyl)phthalate | 10.0 U 0.010 10.0 |
| 101-55-3 4-Bromopherryl-phenylether | 10.0 U 0.010 10.0 |
| 85-68-7 Butylbenzylphthalate | 10.0 U 0.010 10.0 |
| 86-74-8 Carbazole | 10.0 U 0.010 10.0 |
| 218-01-9 Chrysene | 10.0 U 0.010 10.0 |
| 84-74-2 Di-n-butylphthalate | 10.0 U 0.010 10.0 |
| 117-84-0 Di-n-octylphthalate | 10 0 U 0.010 10.0 |
| 53-70-3 Dibenz(a,h)anthracene | 10 0 U 0.010 10.0 |
| 132-64-9 Dibenzofuran | 10.0 U 0.010 10.0 |
| 84-66-2 Diethylphthalate | 10.0 U 0.010 10.0 |
| 131-11-3 Dimethyl-phthalate | 10.0 U 0.010 10.0 |
| 105-67-9 2,4-Dirnethylphenol | 10.0 U 0.010 10.0 |
| 206-44-0 Fluoranthene | 10.0 U 0.010 10.0 |
| 86-73-7 Fluorene | 10.0 U 0.010 10.0 |
| 118-74-1 Hexachlorobenzene | 10.0 U 0.010 10.0 |
| 87-68-3 Hezachlorobutadiene | 10.0 U 0.010 10.0 |
| 77-47-4 Hexachlorocyclopentaciene | 10.0 U 0.010 10.0 |
| 67-72-1 Hexachloroethane | 10.0 U 0.010 10.0 |
| 193-39-5 Indeno(1,2,3-cd)pyrene | 10.0 U 0.010 10.0 |
| 78-59-1 Isophorone | 10.0 U 0.010 10.0 |
| 91-20-3 Naphthalene | 10.0 U 0.010 10.0 |
| 100-01-6 4-Nitroaniline | 25.0 U 0.010 25.0 |
| 98-95-3 Nitrobenzene | 10.0 U 0.010 10.0 |
| 100-02-7 4-Nitrophenol | 25.0 U 0.010 25.0 |
| 87-86-5 Pentachlorophenol | 25.0 U 0.010 25.0 |
| 85-01-8 Phenanthrene | 10.0 U 0.010 10.0 |
| 108-95-2 Phenol | 10.0 U 0.010 10.0 |
| 129-00-0 Pyrene | 10.0 U 0.010 10.0 |
| 621-64-7 N-Nitroso-di-n-propylamine | 10 0 0.010 10.0 |
| · · · · · · · · · · · · · · · · · · | |

| Lab Name: GCAL | Sample ID: SKSW51-1014 |
|--|---|
| Lab Code: LA024 Case No.: | Contract: |
| SAS No.: SDG No.: 205061709 | Lab File ID: 2050714/B0345 |
| Matrix: Water | Lab Sample ID: 20506170915 |
| Sample wt/vol: 1000 Units: mL | Date Collected: 06/20/05 Time: 1020 |
| Level: (low/med) LOW | Date Received: 06/21/05 |
| % Moisture: decanted: (Y/N) | Date Extracted: 06/22/05 |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07/14/05 Time: 1955 |
| Concentrated Extract Volume: 1000 (µL) | Difution Factor: 1 Analyst: JAR3 |
| Injection Volume: 1.0 (µL) | Prep Method: OLM4.2 SVOA |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLMO 4.2 |
| | Instrument ID: MSSV3 |
| CONCENTRATION UNITS: ug/L | Prep Batch: 294063 Analytical Batch: 295505 |
| CAS NO. COMPOUND | RESULT Q MDL RL |
| 86-30-6 N-Nitrosodiphenylamine | 10.0 U 0.010 10.0 |
| 95-48-7 o-Cresol | 10.0 U 0.010 10.0 |

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| Lab Name: GCAL | Sample ID: SK\$W51-1014 |
|--|-------------------------------------|
| Lab Code: LA024 Case No : | Contract: |
| SAS No.: SDG No.: 205061709 | Lab File ID: 2050714/80345 |
| Matrix: Water | Lab Sample ID: 20506170915 |
| Sample wt/vol: Units: | Date Collected: 06/20/05 Time: 1020 |
| Level: (low/med) | Date Received: 06/21/05 |
| % Moisture: not dec. | Date Extracted: |
| GC Column: DB-5MS-30M ID: .25 (mm) | Date Analyzed: 07/14/05 Time: 1955 |
| Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 Analyst: JAR3 |
| Injection Valume: 1.0 (μ L) | Prep Method: |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: SW-846 8270C |
| | Instrument ID: MSSV3 |
| Number TICs Found: 2 | |
| CONCENTRATION UNITS: | |
| CAS NO. COMPOUND | RT EST. CONC. Q |
| 1. Unknown | 2.722 8.25 |
| 2. Unknown | 2.91 9.71 |

1D ORGANICS ANALYSIS DATA SHEET

| Lab Name: GCAL | Sample ID: SKSW52-1014 |
|---|--|
| Lab Code: LA024 Case No.: | Contract: |
| Matrix: Water | SAS No.: SDG No.: 205061709 |
| Sample wt/vol: 1000 Units: mL | Lab Sample ID: 20506170901 |
| Level: (low/med) LOW | Date Collected: 06/16/05 Time: 1430 |
| % Moisture: decanted: (Y/N) | |
| GC Column: ID: (mm | |
| | |
| Concentrated Extract Volume: 1000 (µL | |
| Soil Aliquot Volume: (µL |) Dilution Factor: 1 Analyst: TLS |
| Injection Volume: 1 (µL | Prep Method: OLM4.2 PEST/PCB |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLMO 4.2 |
| Prep Batch: 293938 Analytical Batch: 294768 | Sulfur Cleanup: (Y/N) N Instrument iD: GCS12A |
| CONCENTRATION UNITS: ua/L | Lab File ID: 2050623/SV12A035 |
| • | |
| CAS NO. COMPOUND | RESULT Q MDL RL |
| 72-54-8 4,4'-DDD | 0.100 U 0.000100 0.100 |
| 72-55-9 4,4'-DDE | 0.100 U 0.000100 0.100 |
| 50-29-3 4,4'-DDT | 0.100 U 0.000100 0.100 |
| 309-00-2 Aldrin | 0.050 U 0.000100 0.050 |
| 12674-11-2 Aroclor-1016 | 1.00 U 0.000100 1.00 |
| 11104-28-2 Aroclor-1221 | 2.00 U 0.000100 2.00 |
| 11141-16-5 Aroclor-1232 | 1.00 U 0.000100 1.00 |
| 53469-21-9 Aroclor-1242 | 1.00 U 0.000100 1.00 |
| 12672-29-6 Aroclor-1248 | 1.00 U 0.000100 1.00 |
| 11097-69-1 Aroclor-1254 | 1.00 U 0.000100 1.00 |
| 11096-82-5 Aroclor-1260 | 1.00 U 0.000100 1.00 |
| 60-57-1 Dieldrin | 0.100 U 0.000100 0.100 |
| 959-98-8 Endosulfan I | 0.050 U 0.000100 0.050 |
| 33213-65-9 Endosulfan II | 0.100 U 0.000100 0.100 |
| 1031-07-8 Endosulfan sulfate | 0.100 U 0.000100 0.100 U |
| 72-20-8 Endrin | |
| 7421-93-4 Endrin aldehyde 53494-70-5 Endrin ketone | |
| | |
| 76-44-8 Heptachlor 1024-57-3 Heptachlor epoxide | 0.050 U 0.000100 0.050 0.050 U 0.000100 0.050 |
| 72-43-5 Methoxychlor | |
| | |
| 8001-35-2 Toxaphene | |
| 319-84-6 alpha-BHC | 0.050 U 0.000100 0.050 U |
| 5103-71-9 alpha-Chlordane | 0.050 U 0.000100 0.050 |
| 319-85-7 beta-BHC | 0.050 U 0.000100 0.050 |
| 319-86-8 delta-BHC | 0.050 U 0.000100 0.050 |
| 58-89-9 gamma-BHC (Lindane) | 0.050 U 0.000100 0.050 |
| 5103-74-2 gamma-Chlordane | 0.050 U 0.000100 0.050 |

10/3/25

FORM | ORG-1

1D ORGANICS ANALYSIS DATA SHEET

| Lab Name: | GCAL | Sample ID: SI | CSW50-1014 | | | |
|---------------|---------------------------------|------------------|--|--------------|---------------------------------------|--------------|
| Lab Code: | LA024 Case No.: | Contract | | | | _ |
| Matric Wa | | SAS No.: | | SDG No.: | 205061709 | |
| Sample wt/vo | t: 1000 Units: mL | Lab Sample ID: | 2050617090 | 09 | | |
| Level: (low/m | ed) LOW | Date Collected: | 06/20/05 | Time: | 1135 | |
| % Moisture: | decanted: (YN) | Date Received: | 06/21/05 | | | |
| | | Date Extracted: | 06/24/05 | | | |
| | Extract Volume: 1000 (µL) | Date Analyzed: | 06/25/05 | Time: | 2248 | |
| | lalume: (µL) | Dilution Factor: | | | | |
| | me: 1 (µL) | Prep Method: | | | | - |
| | | Analytical Metho | | | | |
| | px (Y/M) N pH: | • | | | · · · · · · · · · · · · · · · · · · · | |
| Prep Batch: | 294172 Analytical Batch: 294773 | Sulfur Cleanup: | (M.M) N | Instrument I | D: GCS12A | |
| CONCENTRA | ATION UNITS: up/L | Lab File ID: | 2050625/ | SV12A025 | | |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL | |
| 72-54-8 | 4,4-000 | 0.100 | U | 0.000100 | 0.100 | 7 |
| 72-55-0 | 4,4-DDE | 0.100 | U | 0.000100 | 0.100 | |
| 50-29-3 | 4,4'-DOT | 0.100 | U | 0.000100 | 0.100 | |
| 309-00-2 | Aldrin | 0.050 | U | 0.000100 | 0.050 | |
| 12674-11-2 | Aroclor-1016 | 1.00 | U | 0.000100 | 1.00 | 7 |
| 11104-28-2 | Aroclar-1221 | 2.00 | U | 0.000100 | 2.00 | \neg |
| 11141-16-5 | Aroctor-1232 | 1.00 | U | 0.000100 | 1.00 | _ |
| 53469-21-9 | Aroclor-1242 | 1.00 | U | 0.000100 | 1.00 | |
| | Aractor-1248 | 1.00 | U | 0.000100 | 1.00 | |
| 11097-89-1 | Araclor-1254 | 1.00 | U | 0.000100 | 1.00 | |
| 11096-82-5 | Aroclor-1260 | 1.00 | Ü | 0.000100 | 1.00 | - |
| 80-57-1 | Dieldrin | 0.107 | U | 0.000100 | 0.100 | _ |
| 959-98-8 | Endosulfan I | 0.051 | U | 0.000100 | 0.050 | \neg |
| | Endosulfan II | C 100 | - U | 0.000100 | 0.100 | |
| 1031-07-8 | Endosulfan sulfate | 0.100 | U | 0.000100 | 0.100 | _ |
| 72-20-8 | Endrin | c.x | U I | 0.000100 | 0.100 | - us |
| | Endrin aldehyde | 0.100 | | 0.000100 | 0.100 | _ |
| | Endrin ketone | 0.10 | - Ū | 0.000100 | 0.100 | _ |
| 76-44-8 | Heptachlor | 0.050 | - i | 0.000100 | 0.050 | - |
| 1024-57-3 | Heptachlor eposéde | 0.050 | U U | 0.000100 | 0.050 | |
| 72-43-5 | Methanychlor | 0.500 | | 0.000100 | 0.500 | |
| 8001-35-2 | Toughene | 5.30 | - 1 | 0.000100 | 5.00 | |
| 319-84-6 | alpha-BHC | 0 050 | i) | 0.000100 | | - u |
| 5103-71-9 | <u> </u> | | | | 0.050 | _ "· |
| | alpha-Chlordane | 0.050 | U | 0.000100 | 0.050 | |
| 319-85-7 | beta-BHC | 0.050 | U | 0.000100 | 0.050 | |
| 319-86-8 | delta-BHC | 0.050 | U | 0.000100 | 0.050 | |
| 58-89-9 | gamme-BHC (Lindane) | 0.050 | U | 0.000100 | 0.050 | |
| 5103-74-2 | gemma-Chlordane | 0.050 | i ii | 0.000100 | 0.050 | |

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FORM 1 ORG-1

1D ORGANICS ANALYSIS DATA SHEET

| Lab Name: GCAL | Sample ID: SKSW51-10 | 14 | | |
|---|-------------------------|--------------|---------------|----------|
| Lab Code: LA024 Case No.: | Contract: | | | |
| Matrix: Water | SAS No.: | SDG No.: | 205061709 | |
| Sample wt/vol: 1000 Units: mL | Lab Sample ID: 205061 | 70915 | | |
| Level: (low/med) LOW | Date Collected: 06/20/0 | Time: | 1020 | |
| % Moisture: decanted: (Y/N) | Date Received: 06/21/0 | 5 | | |
| GC Column: ID: (mm) | Date Extracted: 06/24/0 | 5 | | |
| Concentrated Extract Volume: 1000 (µL) | Date Analyzed: 06/26/0 | | 0017 | |
| Soil Aliquot Volume: (µL) | | Analys | | |
| | | | n. <u>331</u> | |
| Injection Volume: 1 (µL) | Prep Method: OLM4.2 F | | <u></u> | — |
| GPC Cleanup: (Y/N) N pH: | Analytical Method: OLM | O 4.2 | | |
| Prep Batch: 294172 Analytical Batch: 294773 | Sulfur Cleanup: (Y/N) N | Instrument | ID: GCS12A | |
| CONCENTRATION UNITS; ug/L | Lab File ID: 2050 | 625/SV12A030 | | |
| CAS NO. COMPOUND | RESULT Q | MDL | RL | |
| 72-54-8 4,4'-DDD | 0.100 U | 0.000100 | 0.100 | |
| 72-55-9 4,4'-DDE | 0.100 U | 0.000100 | 0.100 | |
| 50-29-3 4,4'-DDT | 0.100 U | 0.000100 | 0.100 | |
| 309-00-2 Aldrin | 0.050 U | 0.000100 | 0.050 | |
| 12674-11-2 Aroclor-1016 | 1.00 U | 0.000100 | 1.00 | |
| 11104-28-2 Aroclor-1221 | 2.00 U | 0.000100 | 2.00 | |
| 11141-16-5 Aroclor-1232 | 1.00 U | 0.000100 | 1.00 | |
| 53469-21-9 Aroclor-1242 | 1.00 U | 0.000100 | 1.00 | |
| 12672-29-6 Aroclor-1248 | 1.00 U | 0.000100 | 1.00 | |
| 11097-69-1 Aroclor-1254 | 1.00 U | 0.000100 | 1.00 | |
| 11096-82-5 Aroclor-1260 | 1.00 U | 0.000100 | 1.00 | |
| 60-57-1 Dieldrin | 0.100 U | 0.000100 | 0.100 | |
| 959-98-8 Endosulfan I | 0.050 U | 0.000100 | 0.050 | |
| 33213-65-9 Endosulfan II | 0.100 U | 0.000100 | 0.100 | |
| 1031-07-8 Endosulfan sulfate | 0.100 U | 0.000100 | 0.100 | <u> </u> |
| 72-20-8 Endrin | 0.100 U | 0.000100 | 0.100 | ่่ ่านว |
| 7421-93-4 Endrin aldehyde | 0.100 U | 0.000100 | 0.100 | |
| 53494-70-5 Endrin ketone | 0.100 U | 0.000100 | 0.100 | |
| 76-44-8 Heptachlor | 0.050 U | 0.000100 | 0.050 | _ |
| 1024-57-3 Heptachlor epoxide | 0.050 U | 0.000100 | 0.050 | |
| 72-43-5 Methoxychlor | 0.500 U | 0.000100 | 0.500 | |
| 8001-35-2 Toxaphene | 5.00 U | 0.000100 | 5.00 | ہلـــ |
| 319-84-6 alpha-BHC | 0.050 U | 0.000100 | 0.050 | u3 |
| 5103-71-9 alpha-Chlordane | 0.050 U | 0.000100 | 0.050 | |
| 319-85-7 beta-BHC | 0.050 U | 0.000100 | 0.050 | |
| 319-86-8 delta-BHC | 0.050 U | 0.000100 | 0.050 | |
| 58-89-9 gamma-BHC (Lindane) | 0.050 U | 0.000100 | 0.050 | |
| 5103-74-2 gamma-Chlordane | 0.050 U | 0.000100 | 0.050 | |

10/13/05

FORM | ORG-1

1D ORGANICS ANALYSIS DATA SHEET

| Lab Name: | GCAL | Sample ID St | (SW52-1014 R | E | | _ |
|---------------------|--------------------------------|--------------------|--------------|-------------|-------------|-------------|
| Lab Code: | LA024 Case No.: | Contract: | | | | |
| Matric Wa | | SAS No. | | SDG No.: | 205061709 | <u> </u> |
| Sample wt/voi | t 1000 Units: ml. | Lab Sample ID: | 20506170923 | 3 | | |
| Level: (low/mo | | Date Collected: | 06/16/05 | Time: | 1430 | |
| % Moisture: | decanted: (Y/N) | Date Received: | 06/17/05 | | | _ |
| GC Column: | 1D: (mm) | Date Extracted: | 06/24/05 | | | _ |
| Concentrated | | Date Analyzed: | 06/25/05 | Time: | 2043 | |
| | folume: (µL) | Dilution Factor: | 1 | Analysi | | _ |
| | ms: 1 (µL) | Prep Method: | | | * | _ |
| | | Analytical Metho | | | | _ |
| | | • | | | D. CCC12A | |
| Prep Descrit | 295010 Analytical Batch 295507 | • | | • | D. GLS1ZA | |
| CONCENTRA | ATION UNITS: ug/L | Lab File IO: | 2050625/5 | V12A018 | | · |
| CAS NO. | COMPOUND | RESULT | Q | MDL | RL | |
| 72-54-8 | 4,4-000 | 0.100 | Ú | 0.000100 | 0.100 |] น1 |
| 72-55 -0 | 4,4-00E | 0.100 | Ú | 0.000100 | 0.100 | \supset 1 |
| 50-29-3 | 4.F-00T | 0.100 | IJ | 0.000100 | 0.100 | 」 ∖ |
| 309-00-2 | Aldrin | 0.050 | IJ | 0.000100 | 0.050 | |
| | Aroclor-1016 | 1.00 | U | 0.000100 | 1.00 | |
| | Aroclar-1221 | 2.00 | IJ | 0.000100 | 2.00 | |
| 11141-16-5 | Aroclor-1232 | 1.00 | Ú | 0.000100 | 1.00 | _] [|
| | Arodor-1242 | 1.00 | Ü | 0.000100 | 1.00 | |
| 12672-29-6 | Aroclor-1248 | 1.00 | U | 0.000100 | 1.00 | |
| 11097-89-1 | Aroclor-1254 | 1.00 | IJ | 0.000100 | 1.00 | |
| | Aroclor-1260 | 1.00 | Ų | 0.000100 | 1.00 | _ í |
| 60-57-1 | Dieldrin | 0.100 | U | 0.000100 | 0.100 | |
| 959-98-8 | Endosulfan I | 0.050 | Ü | 0.000100 | 0.050 | _ |
| | Endosulfan II | 0.100 | IJ | 0.000100 | 0.100 | |
| | Endosulfan sulfate | 0.100 | U | 0.000100 | 0.100 | _ |
| 72-20-8 | Endrin | 0.100 | Ų | 0.000100 | 0.100 | _ |
| | Endrin aldehyde | 0.100 | U | 0.000100 | 0.100 | |
| 53494-70-5 | Endrin ketone | 0.100 | Ĺl | 0.000100 | 0.100 | _ |
| 7 6-44-8 | Heptachtor | 0.050 | U | 0.000100 | 0.050 | _ |
| | Heptachtor eposéde | 0.050 | U | 0.000100 | 0.050 | _ |
| 72-43-5 | Methanychlar | 0.50C | (J | 0.000100 | 0.500 | _] |
| 8001-35-2 | Toraphene | 5 00 | Ĺl | 0.000100 | 5.00 | _] [|
| | alphe-BHC | 0.0 5 C | U | 0.000100 | 0.050 | |
| 5103-71-9 | alphe-Chlordene | 0.050 | U | 0.000100 | 0.050 | - |
| 319-85-7 | beta-BHC | 0.050 | U | 0.000100 | 0.050 | |
| 319-86-8 | delta-BHC | 0.050 | LI | 0.000100 | 0.050 | <u></u> ! |
| 58-89-9 | gamme-BHC (Lindane) | 0.050 | Ų | 0.000100 | 0.050 | - 1 |
| 5103-74-2 | gamma-Chlordane | 0.050 | U | 0.000100 | 0.050 | ۔ ہا |

FORM | ORG-1

U.S. EPA - CLP COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

| Name: | GCAL | | Contract: | | | | |
|--------------------|-----------------------------------|--|------------------|-----------------|-----------|--------------|--------------------|
| Code: W No.: | LA024 | Case No.: | SAS No.: | | | SDG No.: | 205061709 |
| | | | | | | | |
| | | EPA Sample No | | Lab Samp | | | |
| | | SKSW52-1014 | _ | 2050617090 | | | |
| | | SKSWFB-1014 | | 2050617090 | | | |
| | | SKGWEB-1014 | Val | 2050617090 | | | |
| | | SKSW52-1014 (DISS) | | 2050617090 | 4 | _ | |
| | | SKSWFB-1014 (DISS) | _ | 2050617090 | 5 | _ | |
| | | SKGWEB-1014 (DISS) | _ | 2050617090 | 6 | | |
| | | SKSW50-1014 | - | 2050617090 | 9 | | |
| | | SKSW50-1014-MS | | 2050617091 | 0 | | |
| | | SKSW50-1014-DUP | _ | 2050617091 | 2 | | |
| | | SKSW51-1014-DUPE | _ | 2050617091 | 3 | | |
| | | SKSWEB-1014 | _ | 2050617091 | 4 | | |
| | | SKSW51-1014 | | 2050617091 | 5 | | |
| | | SKSW50-1014 (DISS) | _ | 2050617091 | 6 | | |
| | | SKSW50-1014-MS (DISS) | - | 2050617091 | 7 | | |
| | | SKSW50-1014-DUP (DISS) | , | 2050617091 | 8 | | |
| | | Were ICP interelement corrections | applied ? | Yes / No | YES | | |
| | | Were ICP background corrections a | | Yes / No | YES | _ | |
| | | If yes-were raw data generate application of background corre | | Yes / No | NO | _ | |
| Commen | nts: | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | - | | | | |
| | | | | | | | |
| cortify | that this data | package is in compliance with the term | ne and condition | one of the cont | ract hot | h technicall | y and for |
| complete he com | eness for other puter readable | er than the conditions detailed above. Fee data submitted on the diskette has been by the following signature. | Release of this | s data containe | d in this | hardcopy d | ata package and in |
| Signatu | re: 74 м | 1/18/05 | ٨ | lame: M | ARK I | PETERA | 1AN |
| • | • | | | | | | |

COVER PAGE - IN

ILMO4.1

U.S. EPA - CLP COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

| Name: | GCAL | | Contract: | | | |
|-----------------|--------------------------------|--|---------------|---|----------------------|---------------------|
| Code: V No.: | LA024 | Case No.: | SAS No.: | | SDG No.: | 205061709 |
| | | EPA Sample No SKSW51-1014-DUPE (DISS SKSWEB-1014 (DISS) | | Lab Samp 20506170919 20506170920 20506170921 |) | |
| | | SKSW51-1014 (DISS) | | | | |
| | | | | | | |
| | | | | | | |
| | | Were ICP interelement corrections ap | oplied ? | Yes / No | YES | |
| | | Were ICP background corrections ap If yes-were raw data generated | before | Yes / No | YES | |
| avnen | ntex: | application of background correct | ions ? | Yes / No | NO | |
| | | | | | | |
| e com | eness for oth puter readabl | package is in compliance with the terms or than the conditions detailed above. Re te data submitted on the diskette has bee by the following signature. | lease of this | s data containe | d in this hardcopy o | lata package and in |
| ignatu | | 18/05 | | lame: <u>M</u> | ARK PETER | MAN |
| | '_ | liele | _ | ītle: A | IETALS SUPE | |

COVER PAGE - IN

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| EPA | | |
|------------|--|--|
| | | |
| | | |

| Lab Name: G | | INORGAŅIC ANALYS Coi | iis data shee atrast: | SKS | W52-1014 | |
|-------------------|------------------------------|-------------------------|--------------------------|--|------------|---------------------------------------|
| | | | • | | No. 20506 | 24700 |
| Lab Code: LA | 024 Case No.: | SA: | S No.: | SDG | No.: 20506 | 31709 |
| Matrix (soil / w | rater) Water | Lab S | ample ID: 2056 | 06170901 | | |
| Level: (low / ma | ed) | | | | | · · · · · · · · · · · · · · · · · · · |
| | | Date | Received: 08/1 | 17/05 | | |
| % Solids: | | | • | | | |
| Concentration | Units (ug/L or mg/kg dry wei | ght): ug/L | | | | |
| CAS No. | Analyte | Concentration | С | Q | М | 1 |
| 429-90-5 | Aluminum | 97.2 | В | 1 | P | |
| 440-36-0 | Antimony | 4.00 | Ū | | P | 1 |
| 440-38-2 | Arsenic | 3.9 | В | | P | |
| 440-39-3 | Barium | 49.5 | В | | P | 1 |
| 440-41-7 | Beryllium | 0.1 | U | | P | 1 |
| 440-43-9 | Cadmium | 0.1 | U | | Р | 1 |
| 440-70-2 | Calcium | 89800 | | Z | P | į |
| 440-47-3 | Chromium | 5.1 | В | | Р | 1 |
| 440-48-4 | Cobalt | 0.6 | U | | P | 1 |
| 440-50-8 | Copper | 0.7 | U | E | P | 1 |
| 439-89-6 | Iron | 38.3 | В | 1 | P | lu |
| 439-92-1 | Lead | 1.4 | U | | P | uj |
| 439-95-4 | Magnesium | 25600 | | ار ا | Р | |
| 439-96-5 | Manganese | 7.6 | В | E | Р | 17 |
| 439-97-6 | Mercury | 0,1 | U | | AV | |
| 440-02-0 | Nickel | 0.4 | U | | P | UJ |
| 440-09-7 | Potassium | 3400 | В | 2 | Р | 1 . |
| 782-49-2 | Selenium | 3.5 | υ | N | P | 1 R |
| 440-22-4 | Silver | 1.1 | U | | Р | 1 |
| 440-23-5 | Sodium | 52800 | | P | P | 1 |
| 440-28-0 | Thallium | 4.1 | U | X | P | Į. |
| 440-82-2 | Vanadium | 10.9 | В | JZ. | P | 1 |
| 440-66-6 | Zinc | 5.6 | В | | P | 1 |
| 7-12-5 | Cyanide | 0.6 | U | | AS | |
| | | | · | |) : | oligios psk |
| Color Before: | COLORLESS | Clarity Before: | CLEAR | Text |)re: | |
| Color After: | COLORLESS | Clarity After: | CLEAR | Artife | icts: | |
| Comments: | | | <u> </u> | | | |

U.S. EPA - CLF

EPA SAMPLE NO.

| INORGANIC | ANAI VSIS | DATA | SHEET |
|------------|--------------|------|-------|
| MACHINE MO | THE PARTY OF | - | |

SKSW52-1014 (DISS)

| Lab Name: GC | | Contra | ect: | I | | |
|---------------------------|-----------------------------|---------------|-----------------|-------------|-------------------------|----------------|
| C-d 1 44 | | | | | No.: 2050 | 16 4700 |
| Lab Code: LA024 Case No.: | | SAS N | 40.: | | 40.: <u>2050</u> | 01709 |
| Astric (soil / w | water Water | Lab San | npie ID: _20506 | 170904 | | |
| .evet: { low / me | d) _ | Data Da | | ne | | |
| | | Date Re | ceived: 06/17/ | <u>vs</u> | | |
| % Solids: | | | | | | |
| Concentration t | Jnits (ug/L or mg/kg dry we | iahi): ua/L | | | | |
| | | | | | | _ |
| CAS No. | Analyte | Concentration | С | Q | М |] |
| 429-90-5 | Aluminum | 30.0 | В | | P | 1 |
| 140-36-0 | Antimony | 4.00 | U | | P | 1 |
| 140-38-2 | Arsenic | 3.8 | U | ملار | Р | 1 |
| 140-39-3 | Barium | 48.2 | В | | Р |] |
| 140-41-7 | Beryllium | 0.1 | U | | Р |] |
| 40-43-9 | Cadmium | 0.1 | Ü | | Р | 1 |
| 40-70-2 | Calcium | 94500 | | | P |] |
| 40-47-3 | Chromium | 0.8 | υ | | P | 1 |
| 40-48-4 | Cobelt | 0.6 | υ | | Р | 7 |
| 40-50-8 | Copper | 0.7 | U | | Р | 7 |
| 39-89-6 | Iron | 10.5 | U | | Р | 7 |
| 39-92-1 | Lead | 1,4 | Ü | | P | US |
| 39-95-4 | Magnesium | 26100 | 1 | | P | 7 |
| 39-96-5 | Manganese | 3.9 | В | E | P | 15 |
| 39-97-6 | Mercury | 0.1 | U | | AV | 1 |
| 40-02-0 | Nickel | 0.4 | U | | P | lus |
| 10-09-7 | Potaesium | 3510 | В | | P | 7 |
| 82-49-2 | Selenium | 3.5 | U | N | P | R |
| 40-22-4 | Silver | 1.1 | U | | P | - ' |
| 40-23-5 | Sodium | 54900 | | | P | |
| 140-28-0 | Thelium | 4.1 | U | | P | 1 |
| 40-62-2 | Vanadium | 10.9 | В | | Р | 7 |
| 140-66-6 | Zinc | 8.9 | В | | Р | ┪ |

FORM I - IN

Comments:

ILM04.1

000603

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

| SKSW50-1014 | |
|-------------|--|
| SKSW50-1014 | |

| _ab Name: _GC | | | | | | |
|---------------------|--------------------------------|---------------|-----------------|---------------------------------------|-----------------|-------|
| | AL | Contr | ract: | | | |
| ab Code: LA0 | 24 Case No.: | SAS | No.: | SDG No | o.: <u>2050</u> | 61709 |
| Matrix: (soil / wa | iter) Water | Lab Sai | mple ID: 20506 | 170909 | | |
| _evel: (low./ med | d) | | - | | | ····· |
| % Solids: | | Date Ki | eceived: 06/21/ | <u>05</u> | | |
| 76 30Hds. | | | | | | • |
| Concentration U | Inits (ug/L or mg/kg dry weigl | nt) : ug/L | | | | |
| CAS No. | Analyte | Concentration | C | Q | M | 1 |
| 429-90-5 | Aluminum | 46.2 | В | | P | İ |
| 440-36-0 | Antimony | 4.00 | U | | P | 1 |
| 440-38-2 | Arsenic | 7.2 | В | | Р | 1 |
| 440-39-3 | Barium | 50.5 | В | | Р | 1 |
| 440-41-7 | Beryllium | 0.1 | U | ~ | Р | 1 |
| 440-43-9 | Cadmium | 0.1 | Ü | | Р | 1 |
| 440-70-2 | Calcium | 85200 | | | Р | 1 |
| 440-47-3 | Chromium | 29.8 | | | Р | 1 |
| 440-48-4 | Cobalt | 0.6 | υ | | Р | 1 |
| 440-50-8 | Copper | 1.4 | В | ·· | . P | 1 |
| 439-89-6 | Iron | 132 | | | Р | 1 . |
| 439-92-1 | Lead | 1.4 | Ü | *** | Р | ี นว |
| 439-95-4 | Magnesium | 26500 | | | Р | |
| 439-96-5 | Manganese | 10.4 | В | <u>5</u> Æ | Р | 13 |
| 439-97-6 | Mercury | 0.1 | U | | AV | 1 |
| 440-02-0 | Nickel | 0.4 | U | | Р | us |
| 440-09-7 | Potassium | 3310 | В | | Р | 1 |
| 782-49-2 | Selenium | 3.5 | U | N | P | 1R |
| 440-22-4 | Silver | 1.1 | U | | Р | 1 |
| 440-23-5 | Sodium | 51200 | | | Р | 1 |
| 440-28-0 | Thallium | 4.1 | U | · · · · · · · · · · · · · · · · · · · | Р | 1 |
| 440-62-2 | Vanadium | 11.8 | В | | Р | 1 |
| 440-66-6 | Zinc | 7.1 | В | | Р |]丁 |
| 7-12-5 | Cyanide | 0.6 | Ú | | AS | 7 |

Comments:

EPA SAMPLE NO.

| INORGANIC ANAL | YSIS | DATA | SHEET |
|----------------|------|------|-------|
|----------------|------|------|-------|

| SKSW51-1014 | |
|-------------|--|

| Lab Code: LA024 Matric (soil / water) W. Level: (low / med) % Solids: Concentration Units (ug/L CAS No. 7429-80-5 Aluminu 7440-36-0 Antimon | or mg/kg dry weigt | Lab Sam Date Red | ple ID: 20506 beived: 06/21 | 5170915 | No.: 20506 | 1709 |
|--|---------------------------------------|---------------------|--------------------------------|-------------|------------|------|
| Level: (low / med) % Solids: Concentration Units (ug/L CAS No. 7429-90-5 Aluminu | or mg/kg dry weigt Analyte | Date Red | peived: 06/21 | | | - |
| Concentration Units (ug/L CAS No. | or mg/kg dry weigt Analyte | ng: ug/L | | 105 | | • |
| Cancentration Units (ug/L CAS No. 7429-90-5 Aluminu | Analyte | | | | | |
| CAS No. 429-90-5 Aluminu | Analyte | | | | | |
| 7429-90-5 Aluminu | | Concentration | | | | |
| | | | С | Q | M | |
| '440-36-0 Antimon | in . | 43.6 | В | | P | |
| | у | 4.00 | U | | P | |
| 440-38-2 Arsenic | | 9.1 | В | | Р | |
| 440-39-3 Berium | | 50.4 | В | | Р | |
| 440-41-7 Berylliur | n | 0.1 | Ü | | P | |
| 440-43-9 Cadmiu | n | 0.1 | υ | | Р | |
| 440-70-2 Calcium | | 95300 | | | P | |
| 440-47-3 Chromiu | m | 7.6 | В | | Р | |
| 440-48-4 Cobelt | | 0.6 | U | | Р | • |
| 440-50-8 Copper | | 0.7 | U | | Р | |
| 439-89-6 Iron | | 27.9 | В | | | u |
| 439-92-1 Leed | · | 1.4 | U | | | uJ |
| 439-95-4 Magnes | | 30600 | | | P | _ |
| 439-96-5 Mangan | | 5.4 | В | E E | | 丁 |
| 439-97-6 Mercury | | 0.1 | U | | AV | |
| 440-02-0 Nickel | | 0.4 | U | | Р | us |
| 440-09-7 Potassi | | 3080 | В | | Р | • |
| 782-49-2 Selenius | n | 3.5 | U | N | Р | K |
| 440-22-4 Silver | | 1.1 | U | | P | |
| 440-23-5 Sodium | | 56100 | | | Р | |
| 440-28-0 Thellium | · · · · · · · · · · · · · · · · · · · | 4.1 | U | <u> </u> | Р | |
| 440-82-2 Vanadiu | <u>m</u> | 12.9 | B | | P | - |
| 440-66-6 Zinc | | 4.8 | B | | | J |
| 7-12-5 Cyanide | | 0.6 | U | | AS | |

Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

| | monauto /uu | 121010 071 | SKSW50-1014 (DISS) |
|-----------|-------------|------------|--------------------|
| Lab Name: | GCAL | Contract: | <u> </u> |

Matrix: (soil / water) Water Lab Sample ID: 20506170916 Level: (low / med) Date Received: 06/21/05

% Solids:

Concentration Units (ug/L or mg/kg dry weight): ug/L

| CAS No. | Analyte | Concentration | С | Q | M | 7 |
|-----------|-----------|---------------|-------------|---------------------------------------|----|-----|
| 7429-90-5 | Aluminum | 25.2 | В | | P | 1 |
| 7440-36-0 | Antimony | 4.00 | U | | P | ┪ |
| 7440-38-2 | Arsenic | 6.8 | В | | P | 7 |
| 7440-39-3 | Barium | 53.1 | В | | P | 7 |
| 7440-41-7 | Beryllium | 0.1 | U | | P | 7 |
| 7440-43-9 | Cadmium | 0.1 | U | | P | 7 |
| 7440-70-2 | Calcium | 89000 | | | P | 1 |
| 7440-47-3 | Chromium | 5.4 | В | | P | 1 |
| 7440-48-4 | Cobalt | 0.6 | U | | P | 1 |
| 7440-50-8 | Copper | 0.7 | U | | P | 7 |
| 7439-89-6 | Iron | 10.5 | U | | P | 7 |
| 7439-92-1 | Lead | 1.4 | U | | Р | ٦u |
| 7439-95-4 | Magnesium | 28000 | | | P | 1 |
| 7439-96-5 | Manganese | 7.4 | В | ₽ ,E | P | 17 |
| 7439-97-6 | Mercury | 0.1 | U | | AV | 7 |
| 7440-02-0 | Nickel | 0.4 | U | ··· | P | ٦ ر |
| 7440-09-7 | Potassium | 3460 | В | | Р | 1 |
| 7782-49-2 | Selenium | 3.5 | U | N | P | 1 4 |
| 7440-22-4 | Silver | 1.1 | U | · | P | 1 |
| 7440-23-5 | Sodium | 53000 | | | P | 1 |
| 7440-28-0 | Thallium | 4.1 | U | · · · · · · · · · · · · · · · · · · · | P | 1 |
| 7440-62-2 | Vanadium | 11.5 | В | | P | 1 |
| 7440-66-6 | Zinc | 8.3 | В | | P | 1 |

| Color Before: | COLORLESS | Clarity Before: | CLEAR | Texture: | |
|---------------|-----------|-----------------|-------|------------|-----|
| Color After: | COLORLESS | Clarity After: | CLEAR | Artifacts: | ··· |
| Comments: | | | | | |

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EPA SAMPLE NO.

| INORGANIC ANALY | 'SIS | DATA | SHEET |
|-----------------|------|------|-------|
|-----------------|------|------|-------|

| SKSW51- | .1014 | (DLSS) | |
|---------|-------|--------|--|

| SAS No. SDG No. 205061709 Abstrict (soil / wester) Wister Lab Sample ID: 20506170921 Solidar: Soil / wester) Wister Lab Sample ID: 20506170921 Solidar: Soil / Wister Soil / | .ab Name: _G | CAL | Contra | nct: | | | |
|--|---------------------------|-------------------------------|------------------|-----------------------|--------------------|------|------------|
| Date Received: O6/21/05 | Lab Code: LA024 Case No.: | | SAS N | SDG | SDG No.: 205061709 | | |
| Date Received: Date | Astric (soil / w | ster) Water | Lab Sam | nole ID: 205061 | 170921 | | |
| Concentration Units (ug/L or mg/kg dry weight): ug/L CAS No. Analyte Concentration C Q M 429-90-5 Altumium 18.1 B P 440-36-0 Antimory 4.00 U P 440-38-2 Arsenic 8.7 B P 440-38-2 Arsenic 8.7 B P 440-41-7 Beryllum 0.1 U P 440-41-7 Beryllum 0.1 U P 440-40-3 Cadrium 94700 P 440-40-3 Cadrium 12.7 P 440-40-3 Chomium 12.7 P 440-40-8 Copper 0.7 U P 440-50-8 Copper 0.7 U P 439-92-1 Leed 1.4 U P 439-93-4 Magnesium 29400 P 439-93-5 Manganese 4.8 B P 440-02-0 Nickel 0.4 U P 440-02-0 Nickel 0.4 U P 440-02-7 Potessium 3.5 U N P 440-02-8 Selenium 3.5 Sodium P 440-23-5 Sodium 53700 P 440-22-4 Sheer 1.1 U P 440-23-5 Sodium 13.2 B P 440-66-6 Zinc 9.3 B P | .evel: (low / me | M) | | | | | |
| Concentration Units (ug/L or mg/kg dry weight): ug/L CAS No. Analyte Concentration C Q M 429-80-5 Akuminum 18.1 B P 440-36-0 Antimorny 4.00 U P 440-38-2 Arsenic 8.7 B P 440-38-2 Arsenic 8.7 B P 440-39-3 Barlum 48.6 B P 440-41-7 Berytium 0.1 U P 440-41-7 Berytium 0.1 U P 440-41-7 Cadmium 0.1 U P 440-40-3 Chromium 12.7 P 440-40-3 Chromium 12.7 P 440-40-5 Copper 0.7 U P 439-89-8 Iron 35:3 B P 439-89-4 Magnasium 29400 P 439-98-5 Marganese 4.8 B P 439-98-5 Marganese 4.8 B P 440-02-0 Nickel 0.4 U P 440-00-7 Potassium 3.5 U N P 440-00-7 Potassium 3.5 U N P 440-00-7 Potassium 3.5 U N P 440-22-4 Silver 1.1 U P 440-23-5 Sodium 53700 P 440-66-6 Zinc 9.3 B P | | | Date Re | ceived: <u>06/21/</u> | <u> </u> | | |
| CAS No. Analyte Concentration C Q M 429-90-5 Aluminum 18.1 B P 440-38-0 Antimorny 4.00 U P 440-38-2 Arsenic B.7 B P 440-39-3 Barium 48.6 B P 440-41-7 Beryllium 0.1 U P 440-41-7 Beryllium 0.1 U P 440-43-9 Cadmium 94700 P 440-47-3 Chromium 12.7 P 440-44-3 Chromium 12.7 P 440-50-8 Copper 0.7 U P 440-50-8 Copper 0.7 U P 439-95-4 Magnesium 29400 P 439-95-5 Manganese 4.8 B P 439-97-8 Mercury 0.1 U P 440-02-0 Nickel 0.4 U P 440-02-0 Nickel 0.4 U P 440-02-1 Selenium 3.5 U N P 440-23-5 Sodium 53700 P 440-23-5 Sodium 13.2 B P 440-66-6 Zinc 9.3 B P | 6 Solids: | | | | | | |
| Alaminum | Concentration (| Units (ug/L or mg/kg dry weig | iht): ug/L | | | | |
| 440-38-0 Antimorry 4.00 U | CAS No. | Analyte | Concentration | С | Q | M | |
| Ado-38-2 Arsenic 8.7 B | 429-90-5 | Aluminum | 18.1 | В | | P | ł |
| 440-39-3 Barium | 440-36-0 | Antimony | 4.00 | U | | Р | Ì |
| 440-41-7 Beryllium 0.1 | 440-38-2 | Arsenic | 8.7 | В | | Р | |
| 440-43-9 Cadmium | | | 48.6 | В | | P | l |
| 440-70-2 Calcium | 440-41-7 | Beryllium | 0.1 | U | | P |] |
| 12.7 | 440-43-0 | Cadmium | 0.1 | U | | Р | |
| 440-48-4 Cobalt | 440-70-2 | Calcium | 94700 | | | P |] |
| 440-50-8 Copper 0.7 | 440-47-3 | Chromium | 12.7 | | | P | |
| 439-89-8 Iron | 440-48-4 | Cobelt | 0.6 | U | | Р | 1 |
| 1.4 U | 440-50-8 | Copper | 0.7 | U | - | P | 1 |
| 439-95-4 Magnesium 29400 P 439-96-5 Manganese 4.8 B PE P T AV 440-02-0 Nickel 0.4 U P AV 440-09-7 Potessium 3060 B P R A40-02-4 Silver 1.1 U P A40-02-5 Sodium 53700 P A40-02-5 Sodium 4.1 U P A40-02-6 Thallium 4.1 U P A40-02-2 Vanadium 13.2 B P A40-06-6 Zinc 9.3 B P | 439-89-6 | tron | 35.3 | В | | P | 1 _ |
| 439-96-5 Manganese | 439-92-1 | Leed | 1.4 | Ų | | Р | เนว |
| 439-96-5 Marganese | 439-95-4 | Magnesium | 29400 | | | P | 1 |
| Marcury | 439-96-5 | Manganese | 4.8 | В | RE | P | 丁 |
| 440-02-0 Nickel 0.4 U | 439-97-6 | | 0.1 | U | | AV | 1 |
| 440-09-7 Potassium 3060 B P 782-49-2 Selenium 3.5 U N P 440-22-4 Silver 1.1 U P 440-23-5 Sodium 53700 P 440-28-0 Thallium 4.1 U P 440-62-2 Vanadium 13.2 B P 440-66-8 Zinc 9.3 B P | 440-02-0 | | 0.4 | U | | P | W |
| 782-49-2 Selenium 3.5 U N P 440-22-4 Silver 1.1 U P 440-23-5 Sodium 53700 P 440-28-0 Thaffium 4.1 U P 440-62-2 Vanadium 13.2 B P 440-66-6 Zinc 9.3 B P | 440-09-7 | Potassium | 3060 | В | | P | 1 |
| 440-22-4 Silver 1.1 U P 440-23-5 Sodium 53700 P 440-28-0 Thellium 4.1 U P 440-62-2 Vanadium 13.2 B P 440-66-6 Zinc 9.3 B P | | Selenium | 3.5 | U | N N | P | R |
| 440-23-5 Sodium 53700 P 440-28-0 Thallium 4.1 U P 440-62-2 Vanadium 13.2 B P 440-66-6 Zinc 9.3 B P | 440-22-4 | Silver | 1.1 | U | | P | ' ' |
| 440-28-0 Thaffium 4.1 U P 440-62-2 Vanadium 13.2 B P 440-66-6 Zinc 9.3 B P | | Sodium | | | | P | 1 |
| 440-62-2 Vanadium 13.2 B P 440-66-6 Zinc 9.3 B P | | | | U | | | 1 |
| 440-66-6 Zinc 9.3 B P | | | 13.2 | В | | P | i |
|) also | | | | | | | 1 |
| | | | | | | le | hslor |
| | Color Before: | COLORLESS | <u> </u> | | _ | | |
| | Color After: | COLORLESS | Clarity After: C | LEAR | Artifa | cts: | |
| Color After: CLEAR Artifacts: | Comments: | | | | | | |